Census
Recensement

Public Use Microdata Files

Canada 1986

HOUSEHOLD AND HOUSING FILE

Fichiers de microdonnées à grande diffusion

Canada

**Statistics Statistique
Canada Canada**

1986 CENSUS

PUBLIC USE MICRODATA FILE
ON HOUSEHOLDS AND HOUSING

Documentation and User's Guide

April 1989

*La version française est disponible sur demande
(Fichier de microdonnées à grande diffusion sur
les ménages et les logements).*

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Introduction

The microdata file on households and dwellings, derived from the 1986 Census, contains a wide range of statistical data on the population of Canada, the provinces and most metropolitan areas.

These data are based on a sample of 115,000 households, representing approximately 1% of all households in Canada.

The file provides data on households per se, such as total income of household members, and the dwellings they occupy, such as date of construction. As well, extensive demographic, social and economic information about the household maintainer and his/her spouse, and about the maintainer's economic family are provided.

This file is unique among census products since it allows the users to return to the base unit of the census, enabling them to group data to suit their own requirements. As a result, it is a powerful analytical and research tool.

As it is imperative for Statistics Canada to preserve the confidentiality of the data, some of the information collected during the census are not available in this file.

This document informs users of the content of the file and how to use the computer tape. The reader will also find information on the characteristics of the sample, along with notes on the reliability of the estimates derived from the data.

Two other microdata files from the 1986 Census will also be available. One contains data on individuals, while the other provides data on families. These are expected to become available late in 1989. Similar files can also be obtained for the 1971, 1976 and 1981 Censuses.

For more information, or to order these products, please refer to Chapter 3.

Chapter 1 - Content

This chapter lists and describes the approximately 100 variables contained in the Household and Housing Public Use Microdata File. The record layout of the file is contained in Appendix A.

Overview of the Contents

An overview of the contents of the file is presented in Table A. The information is organized according to four themes:

- dwellings
- households
- household maintainer and spouse
- household maintainer's economic family.

The index lists each variable by order of appearance in the file (page 11) and by alphabetical order (page 15).

Description of Variables

The reader will also find in this chapter detailed information on each variable. In particular, a description of:

- the concept
- the universe (the group covered as well as all exclusions)
- the categories of a variable.

Caution must be exercised with the use and interpretation of some variables, such as the concept of household maintainer. In these cases, the reader is referred to Chapter 2 for associated data quality notes.

Confidentiality of Data

It is imperative that Statistics Canada preserve the confidentiality of the information collected. Considering the nature of the microdata file, special measures must be taken to meet this objective:

(i) Reduced Level of Detail: Small geographic area identifiers for households are not given. It is also not possible to provide as detailed information on household characteristics as it is in other census products that present aggregate data. Some data have been aggregated, providing the maximum detail without disclosure, while maintaining the analytical value of the data. For example, the variable "Occupation of household maintainer" would not indicate "Physician", but rather the more general classification "Medical and Health Occupations". This category would also include other medical occupations, such as "Nurse".

(ii) Data Suppression: To further protect the confidentiality of responses, categories which contain few persons must occasionally be suppressed. In these cases, the label "Not Available" is included in the description of the variable. In addition to suppression, other special techniques are applied. Income data are rounded to respect pre-established high and low revenue limits. Further information on income data is provided in Chapter 2.

TABLE A

OVERVIEW OF CONTENT

	HOUSEHOLD MAINTAINER	MAINTAINER'S SPOUSE
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List of Variables by Order in which they Appear in File

List of Variables by Order in which they Appear in File - Continued

List of Variables by Order in which they Appear in File - Concluded

List of Variables by Alphabetical Order

Variable   **Page**

List of Variables by Alphabetical Order - Continued

List of Variables by Alphabetical Order - Concluded

Data Set Name: Household/Housing File

PROV - Field 1

Province

Two-digit code used to identify the region and province where people reside. Position 1 identifies the region. The region is a statistical unit created by Statistics Canada and consists of one province or a group of contiguous provinces. Position 2 identifies the province. The province refers to the major political division of Canada.

Code	Description
10	Newfoundland
11	Prince Edward Island
12	Nova Scotia
13	New Brunswick
24	Quebec
35	Ontario
46	Manitoba
47	Saskatchewan
48	Alberta
59	British Columbia
60	Yukon/Northwest Territories

Data Set Name: Household/Housing File

URBRU - Field 2

Urban/Rural Code

This variable indicates whether the household is located in a census metropolitan area (CMA) or a census agglomeration (CA). If it is located outside a CMA or a CA, the variable shows whether the household is within an urban area or a rural area. A CMA is the main labour market area of an urbanized core having at least 100,000 population. A CA is the main labour market area of an urbanized core having at least 10,000 population. Urban refers to an area having a population concentration of 1,000 or more and a population density of 400 or more per square kilometre. Rural refers to the area outside of "urban areas".

Code	Description	Includes
1	CMA or CA	
	Not a CMA nor a CA	
2	Urban area	
3	Rural area	
0	Not applicable	Prince Edward Island, Yukon, Northwest Territories

Data Set Name: Household/Housing File

CMAPUST - Field 3

Census Metropolitan Area (CMA) Code

Three-digit Standard Geographical Classification (SGC) code used to identify the census metropolitan area (CMA) where people reside. A CMA is the main labour market area of an urbanized core having at least 100,000 population. CMAs are created by Statistics Canada and are usually known by the name of the urban area forming their urbanized core. CMAs are comprised of complete municipalities (or census subdivisions).

Code	Description
205	Halifax
408	Chicoutimi-Jonquière
421	Québec
462	Montréal
505	Ottawa-Hull
532	Oshawa
535	Toronto
537	Hamilton
539	St. Catharines-Niagara
541	Kitchener
555	London
559	Windsor
602	Winnipeg
705	Regina
725	Saskatoon
825	Calgary
835	Edmonton

Code	Description
933	Vancouver
935	Victoria
499	Trois-Rivières (442) and Sherbrooke (433)
599	Sudbury (580) and Thunder Bay (595)
000	All other

Data Set Name: Household/Housing File

WEIGHT - Field 4

Household Weight

Corresponds to the number of households represented by the record. Therefore, the weighting factor must be used to get the required estimate.

Data Set Name: Household/Housing File

HHINDA - Field 5

Indicator of Persons 0-4 Years of Age

Refers to whether the number of persons 0-4 years of age in the household is an even number or an odd number.

Reported for: Population in private households

Code	Description	Includes
0	None	Households with no persons 0-4 years of age
1	Odd	
2	Even	

Data Set Name: Household/Housing File

HHINDB - Field 6

Indicator of Persons 0-17 Years of Age

Refers to whether the number of persons 0-17 years of age in the household is an even number or an odd number.

Reported for: Population in private households

Code	Description	Includes
0	None	Households with no persons 0-17 years of age
1	Odd	
2	Even	

Data Set Name: Household/Housing File

HHPERA - Field 7

Number of Persons Under 5 Years of Age

Refers to the number of persons 0 to 4 years of age in the household.

Reported for: Population in private households

Code	Description
0	None
1	One
2	Two
3	Three or more persons
9	Not available

Data Set Name: Household/Housing File

HHPERB1 - Field 8

Number of Males 5 to 17 Years of Age

Refers to the number of males 5 to 17 years of age in the household.

Reported for: Population in private households

Code	Description
0	None
1	One
2	Two
3	Three or more males
9	Not available

Data Set Name: Household/Housing File

HHPERB2 - Field 9

Number of Females 5 to 17 Years of Age

Refers to the number of females 5 to 17 years of age in the household.

Reported for: Population in private households

Code	Description
0	None
1	One
2	Two
3	Three or more females
9	Not available

Data Set Name: Household/Housing File

HHPERD – Field 10

Number of Persons 18 to 24 Years of Age

Refers to the number of persons 18 to 24 years of age in the household.

Reported for: Population in private households

Code	Description
0	None
1	One
2	Two
3	Three or more persons
9	Not available

Data Set Name: Household/Housing File

HHPERE - Field 11

Number of Persons 25 to 59 Years of Age

Refers to the number of persons 25 to 59 years of age in the household.

Reported for: Population in private households

Code	Description
0	None
1	One
2	Two
3	Three
4	Four or more persons
9	Not available

Data Set Name: Household/Housing File

HHPERF - Field 12

Number of Persons 60 to 64 Years of Age

Refers to the number of persons 60 to 64 years of age in the household.

Reported for: Population in private households

Code	Description
0	None
1	One
2	Two or more persons
9	Not available

Data Set Name: Household/Housing File

HHPERG - Field 13

Number of Persons 65 to 74 Years of Age

Refers to the number of persons 65 to 74 years of age in the household.

Reported for: Population in private households

Code	Description
0	None
1	One
2	Two or more persons
9	Not available

Data Set Name: Household/Housing File

HHPERH - Field 14

Number of Persons 75 Years of Age and Over

Refers to the number of persons 75 years of age and over in the household.

Reported for: Population in private households

Code	Description
0	None
1	One
2	Two or more persons
9	Not available

Data Set Name: Household/Housing File

HHSIZE - Field 15

Household Size

Refers to the total number of persons in a private household.

Reported for: Population in private households

Code	Description
1	One
2	Two
3	Three
4	Four
5	Five
6	Six
7	Seven
8	Eight or more persons

Data Set Name: Household/Housing File

HHCOMP – Field 16

Household Composition

This variable gives the number and type of economic family units in the household. An economic family is defined as a group of individuals sharing a common dwelling unit and related by blood, marriage or adoption. Persons living common-law are considered as now married regardless of their legal marital status. Unattached individuals refers to household members who are not members of an economic family. A person living alone is always an unattached individual.

Reported for: Population in private households

Code	Description
1	Non-family household, one person only
2	Non-family household, two or more persons
3	One-family household, without unattached individual(s)
4	One-family household, with unattached individual(s)
5	Multiple-family household

Data Set Name: Household/Housing File

HHNONFAM - Field 17

Number of Unattached Individuals in Household

Refers to the number of household members who are not members of an economic family. A person living alone is always an unattached individual.

Reported for: Population in private households

Code	Description
0	None
1	One
2	Two
3	Three or more persons

Data Set Name: Household/Housing File

HHNUEF - Field 18

Number of Economic Families in Household

Refers to the presence and number of economic families in the household. An economic family is defined as a group of individuals sharing a common dwelling unit and related by blood, marriage, adoption or common law.

Reported for: Population in private households

Code	Description	Includes
0	None	Non-economic family household
1	One economic family	
2	Two or more economic families	

Data Set Name: Household/Housing File

HHNULDG - Field 19

Number of Lodgers in Household

Refers to the number of lodgers in the household. A lodger is a person who is unrelated to the household maintainer.

Reported for: Population in private households

Code	Description
0	None
1	One
2	Two or more lodgers

Data Set Name: Household/Housing File

HHNUEMPI – Field 20

Number of Employment Income Recipients in Household

This refers to the number of individuals in the household, 15 years of age and over, who received income from wages and salaries, net income from non-farm self-employment and/or net farm income.

Reported for: Population 15 years of age and over in private households

Code	Description
0	No recipients
1	One recipient
2	Two recipients
3	Three recipients
4	Four recipients
5	Five or more recipients

Data Set Name: Household/Housing File

HHNUTOTI - Field 21

Number of Income Recipients

Refers to the number of individuals in the household, 15 years of age and over, who received income from any of the following sources: wages and salaries, net non-farm self-employment, net farm self-employment, family allowances, federal child tax credits, old age security pension and guaranteed income supplement, benefits from Canada or Quebec Pension Plan, unemployment insurance, other income from government sources, dividends and interest on investment income, retirement pensions, superannuation and annuities or other money income.

Reported for: Population 15 years of age and over in private households

Code	Description
0	No recipients
1	One recipient
2	Two recipients
3	Three recipients
4	Four recipients
5	Five or more recipients

Data Set Name: Household/Housing File

HHMSINC - Field 22

Major Source of Household Income

Refers to that income component which constitutes the largest proportion of the total income of a household. The amounts from various sources of income were combined into five components as follow: wages and salaries, self-employment (non-farm and farm), government transfer payments, investment income and other income (retirement pensions and other money income). The absolute values for these components were compared and the component with the largest absolute value was designated as the major source of income.

Reported for: Population 15 years of age and over in private households

Code	Description
1	No income
2	Wages and salaries
3	Self-employment income
4	Government transfer payments
5	Investment income
6	Other income

Data Set Name: Household/Housing File

HHEMPINC - Field 23

Total Household Employment Income

Refers to the total income received by all persons in the household, 15 years of age and over, during calendar year 1985 as wages and salaries, net income from non-farm self-employment and/or net farm income.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

Data Set Name: Household/Housing File

HHNETINV - Field 24

Total Household Investment Income

Refers to interest received in calendar year 1985 by all persons 15 years of age and over in the household from deposits in banks, trust companies, co-operatives, credit unions, caisses populaires, etc., as well as interest on savings certificates, bonds and debentures and all dividends from both Canadian and foreign stocks. Also included is other investment income from either Canadian or foreign sources such as net rents from real estate, mortgage and loan interest received, regular income from an estate or trust fund, and interest from insurance policies.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

Data Set Name: Household/Housing File

HHGOVINC - Field 25

Total Household Government Transfer Payments

Refers to all amounts received by all persons 15 years of age and over in the household from federal, provincial and municipal governments during calendar year 1985. For a description of amounts included in this source, see Old Age Pensions, Family Allowances, Benefits from Canada or Quebec Pension Plan, Federal Child Tax Credits, Unemployment Insurance Benefits and Other Government Transfer Payments under Total Household Income. The 1986 Census included federal child tax credits as a source of income for the first time.

Reported for: Population 15 years of age and over in private households

Code	Description
Actual amount	This variable is always positive

Data Set Name: Household/Housing File

HHOTINC - Field 26

All Other Household Income

Refers to all regular income received during calendar year 1985 by all persons 15 years of age and over in the household as the result of having been a member of a pension plan of one or more employers.   It includes payments received from all annuities, including payments from a matured registered retirement savings plan (RRSP) in the form of a life annuity, a fixed term annuity, a registered retirement income fund or an income-averaging annuity contract; pensions paid to widows or other relatives of deceased pensioners; pensions of retired civil servants, Armed Forces personnel and RCMP officers; annuity payments received from the Canadian Government Annuities Fund, an insurance company, etc.   Does not include lump-sum death benefits, lump-sum benefits or withdrawals from a pension plan or RRSP or refunds of overcontributions.

Also includes regular cash income received during calendar year 1985 and not included in any of the other sources, e.g., alimony, child support, periodic support from other persons not in the household, net income from roomers and boarders, income from abroad (except dividends and interest), non-refundable scholarships and bursaries, severance pay, royalties, strike pay.

Reported for: Population 15 years of age and over in private households

Code	Description
Actual amount	This variable is always positive and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

Data Set Name: Household/Housing File

HHTOTINC - Field 27

Total Household Income

Refers to the total income of a household which is the sum of amounts received by all individuals 15 years of age and over in the household during calendar year 1985 from the sources listed below.

(1)   Wages and Salaries

These are gross wages and salaries before deductions for such items as income tax, pensions, unemployment insurance, etc. Included in this source are military pay and allowances, tips, commissions, cash bonuses as well as all types of casual earnings in calendar year 1985. All income "in kind" such as free board and lodging is excluded.

(2)   Net Non-farm Self-employment Income

Refers to net income (gross receipts minus expenses of operation such as wages, rents, depreciation, etc.) received during calendar year 1985 from the respondent's non-farm unincorporated business or professional practice. In the case of a partnership, only the respondent's share was to be reported. Also included is net income from persons baby-sitting in their own homes, operators of direct distributorships such as selling and delivering cosmetics, as well as from free-lance activities of artists, writers, music teachers, hairdressers, dressmakers, etc.

(3)   Net Farm Self-employment Income

Refers to net income (gross receipts from farm sales minus depreciation and cost of operation) received during calendar year 1985 from the operation of a farm, either on own account or in partnership. In the case of partnerships, only the respondent's share of income was to be reported. Also included are advance, supplementary or assistance payments to farmers by federal or provincial governments. However, the value of income "in kind", such as agricultural products produced and consumed on the farm is excluded.

(4)   Family Allowances

Refers to total allowances paid in calendar year 1985 by the federal and provincial governments in respect of dependent children under 18 years of age. These allowances, though not collected directly from the respondents, were calculated and included in the income of one of the parents.

(5)   Federal Child Tax Credits

Refers to federal child tax credits paid in calendar year 1985 by the federal government in respect of dependent children under 18 years of age.

The 1986 Census included federal child tax credits as a source of income for the first time. No information was collected from the respondents on child tax credits. Instead, these were calculated in the course of processing and assigned, where applicable, to one of the parents in the census family on the basis of information on children in the family and the family income.

(6) Old Age Security Pension and Guaranteed Income Supplement

Refers to old age security pensions and guaranteed income supplements paid to persons 65 years of age and over, and spouses' allowances paid to 60 to 64 year-old spouses of old age security recipients by the federal government only during calendar year 1985. Also included are extended spouses' allowances paid to 60 to 64 year-old widows/widowers whose spouse was an old age security pension recipient.

(7) Benefits from Canada or Quebec Pension Plan

Refers to benefits received in calendar year 1985 under the Canada or Quebec Pension Plan, e.g., retirement pensions, survivors' benefits, disability pensions. Does not include retirement pensions of civil servants, RCMP and military personnel or lump-sum death benefits.

(8) Benefits from Unemployment Insurance

Refers to total unemployment insurance benefits received in calendar year 1985, before income tax deductions. It includes benefits for sickness, maternity, fishing, work sharing, retraining and retirement received under the Federal Unemployment Insurance program.

(9) Other Income from Government Sources

Refers to all transfer payments, excluding those covered as a separate income source (family allowances, federal child tax credits, old age security pensions and guaranteed income supplements, Canada/Quebec Pension Plan benefits and unemployment insurance benefits) received from federal, provincial or municipal programs in calendar year 1985. This source includes transfer payments received by persons in need such as mothers with dependent children, persons temporarily or permanently unable to work, elderly individuals, the blind and the disabled. Included are provincial income supplement payments to seniors to supplement old age security and guaranteed income supplement and provincial payments to seniors to help offset accommodation costs. Also included are other transfer payments such as for training under the National Training Program (NTP), veterans' pensions, war veterans' allowance, pensions to widows and dependants of veterans, workers' compensation, etc. Additionally, provincial tax credits and allowances claimed on the income tax return are included.

(10) Dividends and Interest on Bonds, Deposits and Savings Certificates, and Other Investment Income

Refers to interest received in calendar year 1985 from deposits in banks, trust companies, co-operatives, credit unions, caisses populaires, etc., as well as interest on savings certificates, bonds and debentures and all dividends from both Canadian and foreign stocks. Also included is other investment income from either Canadian or foreign sources such as net rents from real estate, mortgage and loan interest received, regular income from an estate or trust fund, and interest from insurance policies.

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(11) Retirement Pensions, Superannuation and Annuities

Refers to all regular income received during calendar year 1985 as the result of having been a member of a pension plan of one or more employers. It includes payments received from all annuities, including payments from a mature registered retirement savings plan (RRSP) in the form of a life annuity, a fixed term annuity, a registered retirement income fund or an income-averaging annuity contract; pensions paid to widows or other relatives of deceased pensioners; pensions of retired civil servants, Armed Forces personnel and RCMP officers; annuity payments received from the Canadian Government Annuities Fund, an insurance company, etc. Does not include lump-sum death benefits, lump-sum benefits or withdrawals from a pension plan or RRSP or refunds of overcontributions.

(12) Other Money Income

Refers to regular cash income received during calendar year 1985 and not reported in any of the other nine sources listed on the questionnaire, e.g., alimony, child support, periodic support from other persons not in the household, net income from roomers and boarders, income from abroad (except dividends and interest), non-refundable scholarships and bursaries, severance pay, royalties, strike pay.

Receipts Not Counted as Income

Gambling gains and losses, money inherited during the year in a lump sum, capital gains or losses, receipts from the sale of property or personal belongings, income tax refunds, loan payments received, loans repaid to an individual as the lender, lump sum settlements of insurance policies, rebates of property taxes and other taxes, and refunds of pension contributions were excluded as well as all income in kind such as free meals, living accommodations, or food and fuel produced on own farm.

Remarks

No income information was collected from institutional residents in the 1986 Census. Individuals immigrating to Canada in 1986 have zero income. Also, because of response problems, all individuals in Hutterite colonies were assigned zero income. Furthermore, data on households, economic families, unattached individuals, census families and non-family persons relate to private households only.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

Data Set Name: Household/Housing File

DTYPEH - Field 28

Structural Type of Dwelling

Refers to the structural characteristics and/or dwelling configuration, that is, whether the dwelling is a detached single house, apartment, etc. For further information on the data quality and on structural type, see Chapter 2.

Reported for: Occupied private dwellings

Code	Description	Includes
1	Single-detached house	
2	Apartment in a building that has five or more storeys	
3	Apartment in a building that has less than five storeys	
4	Semi-detached house	
5	Apartment or flat in a detached duplex	
6	Row house	
7	Other single attached house	
8	Mobile and other movable	Mobile home and other movable dwelling
9	Not available	

Data Set Name: Household/Housing File

BUILTH - Field 29

Period of Construction

Refers to the period in time during which the building or dwelling was originally constructed.

Reported for: Occupied private dwellings

Code	Description	Includes
1	1920 or before	
2	1921 - 1945	
3	1946 - 1960	
4	1961 - 1970	
5	1971 - 1975	
6	1976 - 1980	
7	1981 - 1986	The first five months only of 1986

Data Set Name: Household/Housing File

TENURH - Field 30

Tenure

Refers to whether some member of the household owns or rents the dwelling.

Reported for: Private households

Code	Description
1	Owned (with or without mortgage)
2	Rented (for cash, other)

Data Set Name: Household/Housing File

MORG - Field 31

Presence of Mortgage

This variable indicates whether or not the dwelling is mortgaged.

Reported for: Private households in owner-occupied non-farm dwellings

Code	Description	Includes
1	Yes	
2	No	
0	Not applicable	Farm dwellings and tenant-occupied dwellings

Data Set Name: Household/Housing File

RCONDH - Field 32

Tenure - Condominium

Refers to whether the dwelling is part of a registered condominium.

Reported for: Private households in owner-occupied non-farm dwellings

Code	Description	Includes
1	Condominium	
2	Not a condominium	
0	Not applicable	Farm dwellings and tenant-occupied dwellings

Data Set Name: Household/Housing File

ROOM - Field 33

Number of Rooms

Refers to the number of rooms in a dwelling. A <u>room</u> is an enclosed area within a dwelling which is finished and suitable for year-round living.

Reported for: Private households

Code	Description
01	1 room
02	2 rooms
03	3 rooms
04	4 rooms
05	5 rooms
06	6 rooms
07	7 rooms
08	8 rooms
09	9 rooms
10	10 or more rooms

Data Set Name: Household/Housing File

HEATH - Field 34

Main Type of Heating Equipment

Refers to the main type of heating equipment used to heat the dwelling.

Reported for: Occupied private dwellings

Code	Description
1	Steam or hot water furnace
2	Forced hot air furnace
3	Installed electric heating system
4	Other electric heating system (plug-in)
5	Heating stove, cooking stove, space heater
6	Other, e.g., fireplace

Data Set Name: Household/Housing File

FUELHH – Field 35

Principal Heating Fuel

Refers to the fuel used most for heating the dwelling.

Reported for: Occupied private dwellings

Code	Description	Includes
1	Oil or kerosene	
2	Piped or bottled gas	Natural gas (piped) or propane (bottled)
3	Electricity	"Electricity only" and "Electricity as the main source where more than one fuel/energy is used"
4	Other fuel	Wood, coal or coke, other fuels/energy

Data Set Name: Household/Housing File

VALUEH - Field 36

Value of Dwelling

Refers to the amount expected by the owner if the dwelling were to be sold.

Reported for: Owner-occupied non-farm dwellings

Code	Description	Includes
019999	Less than $20,000	
020000 - 199999	Actual amount	
200000	$200,000 or more	
999999	Not applicable	Farm dwellings and tenant-occupied dwellings

Data Set Name: Household/Housing File

GROSRTH - Field 37

Monthly Gross Rent

Refers to the total average monthly payments paid by tenant households to secure shelter.

Reported for: Private households in tenant-occupied non-farm dwellings

Code	Description	Includes
0099	Less than $100	No gross rent paid, and payments of $99 or less
0100 - 0999	Actual amount	
1000	$1,000 or more	
9999	Not applicable	Farm dwellings and owner-occupied dwellings

Data Set Name: Household/Housing File

RENTH - Field 38

Monthly Cash Rent

Refers to the regular monthly cash rent paid by tenant households.

Reported for: Private households in tenant-occupied non-farm dwellings

Code	Description	Includes
000	No cash rent paid	
001 - 799	Actual amount	
800	$800 or more	
999	Not applicable	Farm dwellings and owner-occupied dwellings

Data Set Name: Household/Housing File

OMPH – Field 39

Owner's Major Payments (Monthly)

Refers to the total average monthly payments made by owner households to secure shelter. Owner's major payments include payments for electricity, oil, gas, coal, wood or other fuels, water and other municipal services, monthly mortgage payments, and property taxes (municipal and school).

Reported for: Private households in owner-occupied non-farm dwellings

Code	Description	Includes
0099	Less than $100	No amount paid, and payments of $99 or less
0100 – 1099	Actual amount	
1100	$1,100 or more	
9999	Not applicable	Farm dwellings and tenant-occupied dwellings

Data Set Name: Household/Housing File

MPPIT - Field 40

Monthly Payments for Principal, Interest and Property Taxes

Refers to the total monthly payment for principal and interest on a mortgage and property taxes.

Reported for: Private households in owner-occupied non-farm dwellings

Code	Description	Includes
0099	Less than $100	No amount paid, and payments of $99 or less
0100 - 0999	Actual amount	
1000	$1,000 or more	
9999	Not applicable .	Farm dwellings and tenant-occupied dwellings

Data Set Name: Household/Housing File

HMAGE - Field 41

Age of Household Maintainer

Refers to age of household maintainer at last birthday (as of census reference date, June 3, 1986). This variable is derived from date of birth.

Reported for: Population 15 years of age and over in private households

Code	Description
15	Age 15-19
20 - 84	Actual age
85	85 years of age or over

Data Set Name: Household/Housing File

HMSEX - Field 42

Sex of Household Maintainer

Refers to the gender of the household maintainer.

Reported for: Population 15 years of age and over in private households

Code	Description
1	Male
2	Female

Data Set Name: Household/Housing File

HMMARST - Field 43

Marital Status of Household Maintainer

Refers to the conjugal status of the household maintainer. Persons living common-law are considered as now married.

Reported for: Population 15 years of age and over in private households

Code	Description
1	Never married
2	Married - Spouse present
3	Married - Spouse absent (excludes separated)
4	Separated
5	Divorced
6	Widowed

Data Set Name: Household/Housing File

HMEFAMST - Field 44

Household Maintainer's Economic Family Status

Refers to the classification of the household maintainer in terms of whether or not this person is a member of an economic family. Economic family persons are members of the same household who are related to each other by blood, marriage, adoption or common-law.

Unattached individuals refers to household members who are not members of an economic family. A person living alone is always an unattached individual.

Reported for: Population 15 years of age and over in private households

Code	Description
1	Husband or male common-law partner
2	Wife or female common-law partner
3	Male lone parent
4	Female lone parent
5	Child
6	Other related person
7	Unattached individual

Data Set Name: Household/Housing File

HMBIRTPL - Field 45

Place of Birth of Household Maintainer

For the household maintainer born in Canada, the place of birth refers to whether or not the person was born in the province where he/she actually resides.

Reported for: Population 15 years of age and over in private households

Code	Description
	Born in Canada
1	In province of current residence
2	Outside province of current residence
3	Born outside Canada

Data Set Name: Household/Housing File

HMETHNIC – Field 46

Ethnic Origin of Household Maintainer

Refers to the ethnic or cultural group(s) to which the household maintainer's ancestors belong.

The 1986 Census questionnaire allowed respondents to write in up to three ethnic origins not included in the mark boxes. In 1981, only one write-in was provided. As a result, the number of multiple response possibilities has increased from 1981 to 1986.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	Total British origins	All British origins (single English, Irish, Scottish, Welsh, British, n.i.e., Other British and the British Only multiple)
2	Total French origins	All French origins (single French, Acadian, French Canadian, Québécois and the French Only multiple)
3	Other single origins	All remaining single origins
4	British and French multiple origins	Multiple British and French origins without any other origins
5	British, French and Other multiple origins	British and Other, French and Other, and British, French and Other multiple origins
6	Other multiple origins	All remaining multiple responses

Data Set Name: Household/Housing File

HMIMMIG - Field 47

Period of Immigration of Household Maintainer

Refers to the period of first immigration to Canada reported by the household maintainer who is not a Canadian citizen by birth.

Reported for: Population 15 years of age and over, in private households, who are not Canadian citizens by birth

Code	Description	Includes
1	Non-immigrant	Canadian citizens by birth
2	Before 1946	
3	1946 - 1966	
4	1967 - 1977	
5	1978 - 1986	

Data Set Name: Household/Housing File

HMMOTG - Field 48

Mother Tongue of Household Maintainer

Refers to the first language learned in childhood and still understood by the household maintainer at the time of the census.

For the first time in the 1986 Census, Canadians could report more than one mother tongue. For more information, refer to Catalogue Nos. 93-102 and 103, <u>Language: Parts 1 and 2.</u>

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
	Single responses	
1	English	
2	French	
3	Other	All remaining single responses
	Multiple responses	
4	English and French	
5	English and other	English and any non-official language
6	Other	All responses in which there is more than one mother tongue reported and not included in 4 and 5 above

Data Set Name: Household/Housing File

HMOFFLG - Field 49

Official Language of Household Maintainer

Refers to the ability of the household maintainer to conduct a conversation in English and French, the official languages of Canada.

For more information, refer to Catalogue No. 93-103, Language: Part 2.

Reported for: Population 15 years of age and over in private households

Code	Description
1	English only
2	French only
3	Both English and French
4	Neither English nor French

Data Set Name: Household/Housing File

HMMOB5 - Field 50

Mobility Status of Household Maintainer

Refers to the relationship between the usual place of residence of the household maintainer on Census Day and his/her usual place of residence five years earlier (June 1, 1981).

On the basis of this relationship, persons are classified as non-movers and movers (mobility status). Within the category movers, a further distinction is made between non-migrants and migrants (migration status).

Non-movers are persons who, on Census Day, were living in the same dwelling they occupied five years earlier.

Movers are persons who, on Census Day, were living in a different dwelling than the one occupied five years earlier.

Non-migrants are movers who, on Census Day, were living within the same census subdivision (CSD) they resided in five years earlier.

Migrants are movers who, on Census Day, were residing in a different CSD within Canada five years earlier (internal migrants) or who were living outside Canada five years earlier (external migrants).

Reported for: Population 15 years of age and over, in private households, residing in Canada

Code	Description
1	Same dwelling
2	Different dwelling, same CSD
3	Different CSD, same CD
4	Different CD, same province
5	Different province
6	Outside Canada

Data Set Name: Household/Housing File

HMHLOS - Field 51

Highest Level of Schooling of Household Maintainer

Refers to the highest grade or year of elementary or secondary school attended, or the highest year of university or other non-university completed by the household maintainer. University education is considered to be above other non-university. Also, the attainment of a degree, certificate or diploma is considered to be at a higher level than years completed or attended without an educational qualification.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	Less than Grade 9	
	Grades 9 - 13	
2	Without secondary school certificate or diploma	
3	With secondary school certificate or diploma	
	Other non-university education only	
4	Without certificate or diploma	
5	With certificate or diploma	With trades certificate
	University	
6	Without degree	
7	With degree (bachelor's or higher)	

Data Set Name: Household/Housing File

HMOCC81 - Field 52

Occupation (Based on the 1980 Classification) of Household Maintainer

Refers to the kind of work the household maintainer was doing, as determined by the reporting of his/her kind of work and description of the most important duties. Data relate to the job at which the respondent worked the most hours (if he/she had more than one job). If the respondent did not have a job during the week prior to enumeration, the data relate to the job of longest duration since January 1, 1985.

Reported for: Population 15 years of age and over in private households who worked since January 1, 1985

Code	Description	Includes
00	Not worked	Did not work since January 1, 1985
01	Managerial, administrative and related occupations	Major group 11
02	Occupations in natural sciences, engineering and mathematics	Major group 21
03	Occupations in social sciences and related fields	Major group 23
04	Teaching and related occupations	Major group 27
05	Occupations in medicine and health	Major group 31
06	Artistic, literary, recreational and related occupations	Major group 33
07	Clerical and related occupations	Major group 41
08	Sales occupations	Major group 51
09	Service occupations	Major group 61
10	Farming, horticultural and animal husbandry occupations	Major group 71
11	Other primary occupations	Major groups 73, 75, 77
12	Processing occupations	Major group 81/82

Code	Description	Includes
13	Machining and product fabricating, assembling and repairing occupations	Major groups 83, 85
14	Construction trades occupations	Major group 87
15	Transport equipment operating occupations	Major group 91
16	Other occupations	Major groups 25, 93, 95, 99

Data Set Name: Household/Housing File

HMLFACT - Field 53

Labour Force Activity of Household Maintainer

Refers to the labour market activity of the household maintainer, who, in the week prior to enumeration (June 3, 1986), was employed, unemployed or not in labour force.

Employed

The Employed includes those persons who, during the week prior to enumeration:

(a)   did any work at all excluding housework or other maintenance or repairs around the home and volunteer work; or

(b)   were absent from their jobs or businesses because of own temporary illness or disability, vacation, labour dispute at their place of work, or were absent for other reasons.

Unemployed

The Unemployed includes those persons who, during the week prior to enumeration:

(a)   were without work, had actively looked for work in the past four weeks and were available for work; or

(b)   had been on lay-off and expected to return to their job; or

(c)   had definite arrangements to start a new job in four weeks or less.

Not in Labour Force

The Not in Labour Force classification refers to those persons who, in the week prior to enumeration, were unwilling or unable to offer or supply their labour services under conditions existing in their labour markets. It includes persons who looked for work during the last four weeks but who were not available to start work in the reference week, as well as persons who did not work, did not have a new job to start in four weeks or less, were not on temporary lay-off or did not look for work in the four weeks prior to enumeration.

Reported for: Population 15 years of age and over in private households

Code	Description
1	Employed
2	Unemployed
3	Not in labour force

SPECIAL NOTE: The census labour force activity concepts have not changed between 1981 and 1986. However, the processing of the data was modified causing some differences. In the 1986 Census, contrary to previous censuses, a question on school attendance was not asked. This question was used to edit the labour force activity variable, specifically unemployment. Consequently, the processing differences affect the unemployment population and are mostly concentrated among the 15-19-year age group.

Data Set Name: Household/Housing File

HMCOW - Field 54

Class of Worker of Household Maintainer

Refers to the classification of employment of the household maintainer according to whether he/she worked mainly for someone else for wages, salaries, commission or payment in kind, or worked without pay for a relative who is a member of the same household in a "family farm or business", or worked mainly for himself or herself with or without paid help, in the job reported. The incorporation status refers to the legal status of a business or farm. It is directed at persons who were mainly self-employed, either with or without paid help in the job reported. The job reported was the job in the week prior to enumeration if employed, or the job of longest duration since January 1, 1985 if not employed during the reference week. Persons with two or more jobs in the reference week were to give the information for the job at which they worked the most hours. This is a derived variable.

Paid Workers (Wage and Salary Earners)

Persons 15 years and over who worked since January 1, 1985 and indicated that, in the job reported, they were mainly working for wages, salaries, tips, or commissions.

"Paid workers" includes self-employed persons in incorporated companies in this derived variable.

Self-employed Without Paid Help (Own Account), Unincorporated
Self-employed With Paid Help (Employers), Unincorporated

Persons 15 years and over who worked since January 1, 1985 and for whom the job reported consisted mainly of self-employment. An "unincorporated business or farm" has no separate legal entity, but may be a partnership, family business or owner-operated business.

Unpaid Family Workers (Worked Without Pay for a Relative in a Family Business of Farm)

Persons 15 years and over who worked since January 1, 1985 and for whom the job reported consisted mainly of work without regular money wages for a relative who was a member of the same household, at tasks which contributed to the operation of the business or farm owned or operated by the relative.

Reported for: Population 15 years of age and over in private households who worked since January 1, 1985

Code	Description	Includes
1	Paid	
2	Self-employed	
3	Unpaid family worker	
4	Did not work since 1985	Persons who have not worked since January 1, 1985

Data Set Name: Household/Housing File

HMWKSWK - Field 55

Weeks Worked in 1985 by Household Maintainer

Refers to the number of weeks in 1985 during which the household maintainer worked even if for only a few hours. It includes weeks of vacation or sick leave with pay or paid absence on training courses. "Work" excludes housework or other maintenance or repairs around the person's home and volunteer work.

Reported for: Population 15 years of age and over in private households

Code	Description
00	None
01 - 52	Actual number of weeks

Data Set Name: Household/Housing File

HMFPTWK - Field 56

Work Activity in 1985 of Household Maintainer

Refers to the work activity of the household maintainer in 1985. Work activity is derived from the number of weeks which the household maintainer worked in 1985 and whether these weeks worked were full time or part time. Persons with a part-time job for part of the year and a full-time job for another part of the year were to report the information for the job at which they worked the most weeks.

Reported for: Population 15 years of age and over in private households

Code	Description
1	Worked full time or mostly full time
2	Worked part time or mostly part time
3	Did not work in 1985

Remarks: No specific definition was given to respondents for full time because of the varying hours considered as full time in different occupations and industries. For this reason, full-time data should not be interpreted in terms of specific hours. Part-time work is that work which is less than the normally scheduled weekly hours of work performed by persons doing similar work.

Data Set Name: Household/Housing File

HMMSINC – Field 57

Major Source of Income of Household Maintainer

Refers to that income component which constitutes the largest proportion of the total income of the household maintainer. The amounts from various sources of income were combined into five components as follows: wages and salaries, self-employment (non-farm and farm), government transfer payments, investment income and other income (retirement pensions and other money income). The absolute values for these components were compared and the component with the largest absolute value was designated as the major source of income.

Reported for: Population 15 years of age and over in private households

Code	Description
1	No income
2	Wages and salaries
3	Self-employment income
4	Government transfer payments
5	Investment income
6	Other income

Data Set Name: Household/Housing File

HMEMPINC - Field 58

Employment Income of Household Maintainer

Refers to the total employment income received by the household maintainer during 1985 as wages and salaries, net income from non-farm self-employment and/or net farm income.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

Data Set Name: Household/Housing File

HMNETINV - Field 59

Investment Income of Household Maintainer

Refers to interest received in calendar year 1985 by the household maintainer from deposits in banks, trust companies, co-operatives, credit unions, caisses populaires, etc., as well as interest on savings certificates, bonds and debentures and all dividends from both Canadian and foreign stocks. Also included is other investment income from either Canadian or foreign sources such as net rents from real estate, mortgage and loan interest received, regular income from an estate or trust fund, and interest from insurance policies.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

Data Set Name: Household/Housing File

HMGOVINC - Field 60

Government Transfer Payments to Household Maintainer

Refers to all amounts received by the household maintainer from federal, provincial and municipal governments during 1985. For a description of amounts included in this source, see Old Age Pensions, Benefits from Canada or Quebec Pension Plan, Family Allowances, Federal Child Tax Credits, Unemployment Insurance Benefits and Other Government Transfer Payments under Total Income of Household Maintainer. The 1986 Census included federal child tax credits as a source of income for the first time.

Reported for: Population 15 years of age and over in private households

Code	Description
Actual amount	This variable is always positive

Data Set Name: Household/Housing File

HMOTINC – Field 61

Retirement Pensions and Other Money Income of Household Maintainer

Refers to all regular income received during calendar year 1985 by the household maintainer as the result of having been a member of a pension plan of one or more employers. It includes payments received from all annuities, including payments from a matured registered retirement savings plan (RRSP) in the form of a life annuity, a fixed term annuity, a registered retirement income fund or an income-averaging annuity contract; pensions paid to widows or other relatives of deceased pensioners; pensions of retired civil servants, Armed Forces personnel and RCMP officers; annuity payments received from the Canadian Government Annuities Fund, an insurance company, etc. Does not include lump-sum death benefits, lump-sum benefits or withdrawals from a pension plan or RRSP or refunds of overcontributions.

Also includes regular cash income received during calendar year 1985 and not included in any of the other sources, e.g., alimony, child support, periodic support from other persons not in the household, net income from roomers and boarders, income from abroad (except dividends and interest), non-refundable scholarships and bursaries, severance pay, royalties, strike pay.

Reported for: Population 15 years of age and over in private households

Code	Description
Actual amount	This variable is always positive and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

Data Set Name: Household/Housing File

HMTOTINC - Field 62

Total Income of Household Maintainer

Refers to the total income of the household maintainer which is the sum of amounts received during calendar year 1985 from the sources listed below.

(1) Wages and Salaries

These are gross wages and salaries before deductions for such items as income tax, pensions, unemployment insurance, etc. Included in this source are military pay and allowances, tips, commissions, cash bonuses as well as all types of casual earnings in calendar year 1985. All income "in kind" such as free board and lodging is excluded.

(2) Net Non-farm Self-employment Income

Refers to net income (gross receipts minus expenses of operation such as wages, rents, depreciation, etc.) received during calendar year 1985 from the respondent's non-farm unincorporated business or professional practice. In the case of a partnership, only the respondent's share was to be reported. Also included is net income from persons baby-sitting in their own homes, operators of direct distributorships such as selling and delivering cosmetics, as well as from free-lance activities of artists, writers, music teachers, hairdressers, dressmakers, etc.

(3) Net Farm Self-employment Income

Refers to net income (gross receipts from farm sales minus depreciation and cost of operation) received during calendar year 1985 from the operation of a farm, either on own account or in partnership. In the case of partnerships, only the respondent's share of income was to be reported. Also included are advance, supplementary or assistance payments to farmers by federal or provincial governments. However, the value of income "in kind", such as agricultural products produced and consumed on the farm is excluded.

(4) Family Allowances

Refers to total allowances paid in calendar year 1985 by the federal and provincial governments in respect of dependent children under 18 years of age. These allowances, though not collected directly from the respondents, were calculated and included in the income of one of the parents.

(5) Federal Child Tax Credits

Refers to federal child tax credits paid in calendar year 1985 by the federal government in respect of dependent children under 18 years of age.

The 1986 Census included federal child tax credits as a source of income for the first time. No information was collected from the respondents on child tax credits. Instead, these were calculated in the course of processing and assigned, where applicable, to one of the parents in the census family on the basis of information on children in the family and the family income.

(6)   Old Age Security Pension and Guaranteed Income Supplement

Refers to old age security pensions and guaranteed income supplements paid to persons 65 years of age and over, and spouses' allowances paid to 60 to 64 year-old spouses of old age security recipients by the federal government only during calendar year 1985. Also included are extended spouses' allowances paid to 60 to 64 year-old widows/widowers whose spouse was an old age security pension recipient.

(7)   Benefits from Canada or Quebec Pension Plan

Refers to benefits received in calendar year 1985 under the Canada or Quebec Pension Plan, e.g., retirement pensions, survivors' benefits, disability pensions. Does not include retirement pensions of civil servants, RCMP and military personnel or lump-sum death benefits.

(8)   Benefits from Unemployment Insurance

Refers to total unemployment insurance benefits received in calendar year 1985, before income tax deductions. It includes benefits for sickness, maternity, fishing, work sharing, retraining and retirement received under the Federal Unemployment Insurance program.

(9)   Other Income From Government Sources

Refers to all transfer payments, excluding those covered as a separate income source (family allowances, federal child tax credits, old age security pensions and guaranteed income supplements, Canada/Quebec Pension Plan benefits and unemployment insurance benefits) received from federal, provincial or municipal programs in calendar year 1985. This source includes transfer payments received by persons in need such as mothers with dependent children, persons temporarily or permanently unable to work, elderly individuals, the blind and the disabled. Included are provincial income supplement payments to seniors to supplement old age security and guaranteed income supplement and provincial payments to seniors to help offset accommodation costs. Also included are other transfer payments such as for training under the National Training Program (NTP), veterans' pensions, war veterans' allowance, pensions to widows and dependants of veterans, workers' compensation, etc. Additionally, provincial tax credits and allowances claimed on the income tax return are included.

(10)   Dividends and Interest on Bonds, Deposits and Savings Certificates, and Other Investment Income

Refers to interest received in calendar year 1985 from deposits in banks, trust companies, co-operatives, credit unions, caisses populaires, etc., as well as interest on savings certificates, bonds and debentures and all dividends from both Canadian and foreign stocks. Also included is other investment income from either Canadian or foreign sources such as net rents from real estate, mortgage and loan interest received, regular income from an estate or trust fund, and interest from insurance policies.

(11) <u>Retirement Pensions, Superannuation and Annuities</u>

Refers to all regular income received during calendar year 1985 as the result of having been a member of a pension plan of one or more employers. It includes payments received from all annuities, including payments from a mature registered retirement savings plan (RRSP) in the form of a life annuity, a fixed term annuity, a registered retirement income fund or an income-averaging annuity contract; pensions paid to widows or other relatives of deceased pensioners; pensions of retired civil servants, Armed Forces personnel and RCMP officers; annuity payments received from the Canadian Government Annuities Fund, an insurance company, etc. Does not include lump-sum death benefits, lump-sum benefits or withdrawals from a pension plan or RRSP or refunds of overcontributions.

(12) <u>Other Money Income</u>

Refers to regular cash income received during calendar year 1985 and not reported in any of the other nine sources listed on the questionnaire, e.g., alimony, child support, periodic support from other persons not in the household, net income from roomers and boarders, income from abroad (except dividends and interest), non-refundable scholarships and bursaries, severance pay, royalties, strike pay.

<u>Receipts Not Counted as Income</u>

Gambling gains and losses, money inherited during the year in a lump sum, capital gains or losses, receipts from the sale of property or personal belongings, income tax refunds, loan payments received, loans repaid to an individual as the lender, lump sum settlements of insurance policies, rebates of property taxes and other taxes, and refunds of pension contributions were excluded as well as all income in kind such as free meals, living accommodation, or food and fuel produced on own farm.

<u>Remarks</u>

No income information was collected from institutional residents in the 1986 Census. Individuals immigrating to Canada in 1986 have zero income. Also, because of response problems, all individuals in Hutterite Colonies were assigned zero income.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

The value 0 represents zero total income for maintainer.

Data Set Name: Household/Housing File

SPAGE – Field 63

Age of Maintainer's Spouse

Refers to age of maintainer's spouse at last birthday (as of census reference date, June 3, 1986). This variable is derived from date of birth.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
15	Age 15-19	
20 – 74	Actual age	
75	75 years of age and over	
00	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPSEX - Field 64

Sex of Maintainer's Spouse

Refers to the gender of the maintainer's spouse.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	Male	
2	Female	
0	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPBIRTPL - Field 65

Place of Birth of Maintainer's Spouse

For the maintainer's spouse born in Canada, the place of birth refers to whether or not the person was born in the province where he/she actually resides. For persons born outside Canada, it refers to the specific country of birth according to boundaries at the census date.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
	Born in Canada	
1	In province of current residence	
2	Outside province of current residence	
3	Born outside Canada	
0	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPETHNIC - Field 66

Ethnic Origin of Maintainer's Spouse

Refers to the ethnic or cultural group(s) to which the ancestors of the maintainer's spouse belong.

The 1986 Census questionnaire allowed respondents to write in up to three ethnic origins not included in the mark boxes. In 1981, only one write-in was provided. As a result, the number of multiple response possibilities has increased from 1981 to 1986.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	Total British origins	All British origins (single English, Irish, Scottish, Welsh, British, n.i.e., Other British and the British Only multiple)
2	Total French origins	All French origins (single French, Acadian, French Canadian, Québécois and the French Only multiple)
3	Other single origins	All remaining single origins
4	British and French multiple origins	Multiple British and French origins without any other origins
5	British, French and Other multiple origins	British and Other, French and Other, and British, French and Other multiple origins
6	Other multiple origins	All remaining multiple responses
0	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPMOTG - Field 67

Mother Tongue of Maintainer's Spouse

Refers to the first language learned in childhood and still understood by the maintainer's spouse at the time of the census.

For the first time in the 1986 Census, Canadians could report more than one mother tongue. For more information, refer to Catalogue Nos. 93-102 and 103, Language: Parts 1 and 2.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
	Single responses	
1	English	
2	French	
3	Other	All remaining single responses
	Multiple responses	
4	English and French	
5	English and other	English and any non-official language
6	Other	All responses in which there is more than one mother tongue reported and not included in 4 and 5 above
0	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPOFFLG - Field 68

Official Language of Maintainer's Spouse

Refers to the ability of the maintainer's spouse to conduct a conversation in English and French, the official languages of Canada.

For more information, refer to Catalogue No. 93-103, Language: Part 2.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	English only	
2	French only	
3	Both English and French	
4	Neither English nor French	
0	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPIMMIG - Field 69

Period of Immigration of Maintainer's Spouse

Refers to the period of first immigration to Canada reported by the maintainer's spouse who is not a Canadian citizen by birth.

Reported for: Population 15 years of age and over in private households, who are not Canadian citizens by birth.

Code	Description	Includes
1	Non-immigrant	Canadian citizens by birth
2	Before 1946	
3	1946 - 1966	
4	1967 - 1977	
5	1978 - 1986	
0	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPMOB5 - Field 70

Mobility Status of Maintainer's Spouse

Refers to the relationship between the usual place of residence of the maintainer's spouse on Census Day and his/her usual place of residence five years earlier (June 1, 1981).

On the basis of this relationship, persons are classified as non-movers and movers (mobility status). Within the category movers, a further distinction is made between non-migrants and migrants (migration status).

Non-movers are persons who, on Census Day, were living in the same dwelling they occupied five years earlier.

Movers are persons who, on Census Day, were living in a different dwelling than the one occupied five years earlier.

Non-migrants are movers who, on Census Day, were living within the same census subdivision (CSD) they resided in five years earlier.

Migrants are movers who, on Census Day, were residing in a different CSD within Canada five years earlier (internal migrants) or who were living outside Canada five years earlier (external migrants).

Reported for: Population 15 years of age and over, in private households, residing in Canada

Code	Description	Includes
1	Same dwelling	
2	Different dwelling, same CSD	
3	Different CSD, same CD	
4	Different CD, same province	
5	Different province	
6	Outside Canada	
0	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPHLOS - Field 71

Highest Level of Schooling of Maintainer's Spouse

Refers to the highest grade or year of elementary or secondary school attended, or the highest year of university or other non-university completed by the maintainer's spouse. University education is considered to be above other non-university. Also, the attainment of a degree, certificate or diploma is considered to be at a higher level than years completed or attended without an educational qualification.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	Less than Grade 9	
	Grades 9 - 13	
2	Without secondary school certificate or diploma	
3	With secondary school certificate or diploma	
	Other non-university education only	
4	Without certificate or diploma	
5	With certificate or diploma	With trades certificate
	University	
6	Without degree	
7	With degree (bachelor's or higher)	
0	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPOCC81 – Field 72

Occupation (Based on the 1980 Classification) of Maintainer's Spouse

Refers to the kind of work the maintainer's spouse was doing, as determined by the reporting of his/her kind of work and description of the most important duties. Data relate to the job at which the respondent worked the most hours (if he/she had more than one job). If the respondent did not have a job during the week prior to enumeration, the data relate to the job of longest duration since January 1, 1985.

Reported for: Population 15 years of age and over in private households who worked since January 1, 1985

Code	Description	Includes
00	Not worked	Did not work since January 1, 1985
01	Managerial, administrative and related occupations	Major group 11
02	Occupations in natural sciences, engineering and mathematics	Major group 21
03	Occupations in social sciences and related fields	Major group 23
04	Teaching and related occupations	Major group 27
05	Occupations in medicine and health	Major group 31
06	Artistic, literary, recreational and related occupations	Major group 33
07	Clerical and related occupations	Major group 41
08	Sales occupations	Major group 51
09	Service occupations	Major group 61
10	Farming, horticultural and animal husbandry occupations	Major group 71
11	Other primary occupations	Major groups 73, 75, 77
12	Processing occupations	Major group 81/82

Code	Description	Includes
13	Machining and product fabricating, assembling and repairing occupations	Major groups 83, 85
14	Construction trades occupations	Major group 87
15	Transport equipment operating occupations	Major group 91
16	Other occupations	Major groups 25, 93, 95, 99
99	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPLFACT - Field 73

Labour Force Activity of Maintainer's Spouse

Refers to the labour market activity of the maintainer's spouse, who, in the week prior to enumeration (June 3, 1986), was employed, unemployed or not in labour force.

Employed

The Employed includes those persons who, during the week prior to enumeration:

(a)   did any work at all excluding housework or other maintenance or repairs around the home and volunteer work; or
(b)   were absent from their jobs or businesses because of own temporary illness or disability, vacation, labour dispute at their place of work, or were absent for other reasons.

Unemployed

The Unemployed includes those persons who, during the week prior to enumeration:

(a)   were without work, had actively looked for work in the past four weeks and were available for work; or
(b)   had been on lay-off and expected to return to their job; or
(c)   had definite arrangements to start a new job in four weeks or less.

Not in Labour Force

The Not in Labour Force classification refers to those persons, who, in the week prior to enumeration, were unwilling or unable to offer or supply their labour services under conditions existing in their labour markets. It includes persons who looked for work during the last four weeks but who were not available to start work in the reference week, as well as persons who did not work, did not have a new job to start in four weeks or less, were not on temporary lay-off or did not look for work in the four weeks prior to enumeration.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	Employed	
2	Unemployed	
3	Not in the labour force	
0	Not applicable	Private households with no maintainer's spouse

SPECIAL NOTE: The census labour force activity concepts have not changed between 1981 and 1986. However, the processing of the data was modified causing some differences. In the 1986 Census, contrary to previous censuses, a question on school attendance was not asked. This question was used to edit the labour force activity variable, specifically unemployment. Consequently, the processing differences affect the unemployment population and are mostly concentrated among the 15-19-year age group.

Data Set Name: Household/Housing File

SPCOW - Field 74

Class of Worker of Maintainer's Spouse

Refers to the classification of employment of the maintainer's spouse according to whether he/she worked mainly for someone else for wages, salaries, commission or payment in kind, or worked without pay for a relative who is a member of the same household in a "family farm or business", or worked mainly for himself or herself with or without paid help, in the job reported. The incorporation status refers to the legal status of a business or farm. It is directed at persons who were mainly self-employed, either with or without paid help in the job reported. The job reported was the job in the week prior to enumeration if employed, or the job of longest duration since January 1, 1985 if not employed during the reference week. Persons with two or more jobs in the reference week were to give the information for the job at which they worked the most hours. This is a derived variable.

Paid Workers (Wage and Salary Earners)

Persons 15 years and over who worked since January 1, 1985 and indicated that, in the job reported, they were mainly working for wages, salaries, tips, or commissions.

"Paid workers" includes self-employed persons in incorporated companies in this derived variable.

Self-employed Without Paid Help (Own Account), Unincorporated
Self-employed With Paid Help (Employers), Unincorporated

Persons 15 years and over who worked since January 1, 1985 and for whom the job reported consisted mainly of self-employment. An "unincorporated business or farm" has no separate legal entity, but may be a partnership, family business or owner-operated business.

Unpaid Family Workers (Worked Without Pay for a Relative in a Family Business or Farm)

Persons 15 years and over who worked since January 1, 1985 and for whom the job reported consisted mainly of work without regular money wages for a relative who was a member of the same household, at tasks which contributed to the operation of the business or farm owned or operated by the relative.

Reported for: Population 15 years of age and over in private households who worked since January 1, 1985

Code	Description	Includes
1	Paid	
2	Self-employed	
3	Unpaid family worker	
4	Did not work since 1985	Persons who have not worked since January 1, 1985
0	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPWKSWK - Field 75

Weeks Worked in 1985 by Maintainer's Spouse

Refers to the number of weeks in 1985 during which the maintainer's spouse worked even if for only a few hours. It includes weeks of vacation or sick leave with pay or paid absence on training courses. "Work" excludes housework or other maintenance or repairs around the person's home and volunteer work.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
00	None	
01 - 52	Actual number of weeks	
99	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPFPTWK - Field 76

Work Activity in 1985 of Maintainer's Spouse

Refers to the work activity of the maintainer's spouse in 1985. Work activity is derived from the number of weeks which the maintainer's spouse worked in 1985 and whether these weeks worked were full time or part time. Persons with a part-time job for part of the year and a full-time job for another part of the year were to report the information for the job at which they worked the most weeks.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	Worked full time or mostly full time	
2	Worked part time or mostly part time	
3	Did not work in 1985	
0	Not applicable	Private households with no maintainer's spouse

Remarks: No specific definition was given to respondents for full time because of the varying hours considered as full time in different occupations and industries. For this reason, full-time data should not be interpreted in terms of specific hours. Part-time work is that work which is less than the normally scheduled weekly hours of work performed by persons doing similar work.

Data Set Name: Household/Housing File

SPMSINC - Field 77

Major Source of Income of Maintainer's Spouse

Refers to that income component which constitutes the largest proportion of the total income of the maintainer's spouse. The amounts from various sources of income were combined into five components as follows: wages and salaries, self-employment (non-farm and farm), government transfer payments, investment income and other income (retirement pensions and other money income). The absolute values for these components were compared and the component with the largest absolute value was designated as the major source of income.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	No income	
2	Wages and salaries	
3	Self-employment income	
4	Government transfer payments	
5	Investment income	
6	Other income	
0	Not applicable	Private households with no maintainer's spouse

Data Set Name: Household/Housing File

SPEMPINC - Field 78

Employment Income of Maintainer's Spouse

Refers to the total employment income received by the maintainer's spouse during 1985 as wages and salaries, net income from non-farm self-employment and/or net farm income.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

The value 0 represents zero employment income for maintainer's spouse or no maintainer's spouse.

Data Set Name: Household/Housing File

SPNETINV - Field 79

Investment Income of Maintainer's Spouse

Refers to interest received in calendar year 1985 by the maintainer's spouse from deposits in banks, trust companies, co-operatives, credit unions, caisses populaires, etc., as well as interest on savings certificates, bonds and debentures and all dividends from both Canadian and foreign stocks. Also included is other investment income from either Canadian or foreign sources such as net rents from real estate, mortgage and loan interest received, regular income from an estate or trust fund, and interest from insurance policies.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

The value 0 represents zero investment income for maintainer's spouse or no maintainer's spouse.

Data Set Name: Household/Housing File

SPGOVINC – Field 80

Government Transfer Payments to Maintainer's Spouse

Refers to all amounts received by the maintainer's spouse from federal, provincial and municipal governments during 1985. For a description of amounts included in this source, see Old Age Pensions, Benefits from Canada or Quebec Pension Plan, Family Allowances, Federal Child Tax Credits, Unemployment Insurance Benefits and Other Government Transfer Payments under Total Income of Maintainer's Spouse. The 1986 Census included federal child tax credits as a source of income for the first time.

Reported for: Population 15 years of age and over in private households

Code	Description
Actual amount	This variable is always positive

The value 0 for government transfer payments to spouse represents zero amount for maintainer's spouse or no maintainer's spouse.

Data Set Name: Household/Housing File

SPOTINC - Field 81

Retirement Pensions and Other Money Income of Maintainer's Spouse

Refers to all regular income received during calendar year 1985 by the maintainer's spouse as the result of having been a member of a pension plan of one or more employers. It includes payments received from all annuities, including payments from a matured registered retirement savings plan (RRSP) in the form of a life annuity, a fixed term annuity, a registered retirement income fund or an income-averaging annuity contract; pensions paid to widows or other relatives of deceased pensioners; pensions of retired civil servants, Armed Forces personnel and RCMP officers; annuity payments received from the Canadian Government Annuities Fund, an insurance company, etc. Does not include lump-sum death benefits, lump-sum benefits or withdrawals from a pension plan or RRSP or refunds of overcontributions.

Also includes regular cash income received during calendar year 1985 and not included in any of the other sources, e.g., alimony, child support, periodic support from other persons not in the household, net income from roomers and boarders, income from abroad (except dividends and interest), non-refundable scholarships and bursaries, severance pay, royalties, strike pay.

Reported for: Population 15 years of age and over in private households

Code	Description
Actual amount	This variable is always positive and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

The value 0 for retirement pensions and other money income represents zero amount for maintainer's spouse or no maintainer's spouse.

Data Set Name: Household/Housing File

SPTOTINC - Field 82

Total Income of Maintainer's Spouse

Refers to the total income of the household maintainer's spouse which is the sum of amounts received during calendar year 1985 from the sources listed below.

(1)   Wages and Salaries

These are gross wages and salaries before deductions for such items as income tax, pensions, unemployment insurance, etc. Included in this source are military pay and allowances, tips, commissions, cash bonuses as well as all types of casual earnings in calendar year 1985. All income "in kind" such as free board and lodging is excluded.

(2)   Net Non-farm Self-employment Income

Refers to net income (gross receipts minus expenses of operation such as wages, rents, depreciation, etc.) received during calendar year 1985 from the respondent's non-farm unincorporated business or professional practice. In the case of a partnership, only the respondent's share was to be reported. Also included is net income from persons baby-sitting in their own homes, operators of direct distributorships such as selling and delivering cosmetics, as well as from free-lance activities of artists, writers, music teachers, hairdressers, dressmakers, etc.

(3)   Net Farm Self-employment Income

Refers to net income (gross receipts from farm sales minus depreciation and cost of operation) received during calendar year 1985 from the operation of a farm, either on own account or in partnership. In the case of partnerships, only the respondent's share of income was to be reported. Also included are advance, supplementary or assistance payments to farmers by federal or provincial governments. However, the value of income "in kind", such as agricultural products produced and consumed on the farm is excluded.

(4)   Family Allowances

Refers to total allowances paid in calendar year 1985 by the federal and provincial governments in respect of dependent children under 18 years of age. These allowances, though not collected directly from the respondents, were calculated and included in the income of one of the parents.

(5)   Federal Child Tax Credits

Refers to federal child tax credits paid in calendar year 1985 by the federal government in respect of dependent children under 18 years of age.

The 1986 Census included federal child tax credits as a source of income for the first time. No information was collected from the respondents on child tax credits. Instead, these were calculated in the course of processing and assigned, where applicable, to one of the parents in the census family on the basis of information on children in the family and the family income.

(6)   Old Age Security Pension and Guaranteed Income Supplement

Refers to old age security pensions and guaranteed income supplements paid to persons 65 years of age and over, and spouses' allowances paid to 60 to 64 year-old spouses of old age security recipients by the federal government only during calendar year 1985. Also included are extended spouses' allowances paid to 60 to 64 year-old widows/widowers whose spouse was an old age security pension recipient.

(7)   Benefits from Canada or Quebec Pension Plan

Refers to benefits received in calendar year 1985 under the Canada or Quebec Pension Plan, e.g., retirement pensions, survivors' benefits, disability pensions. Does not include retirement pensions of civil servants, RCMP and military personnel or lump-sum death benefits.

(8)   Benefits from Unemployment Insurance

Refers to total unemployment insurance benefits received in calendar year 1985, before income tax deductions. It includes benefits for sickness, maternity, fishing, work sharing, retraining and retirement received under the Federal Unemployment Insurance program.

(9)   Other Income from Government Sources

Refers to all transfer payments, excluding those covered as a separate income source (family allowances, federal child tax credits, old age security pensions and guaranteed income supplements, Canada/Quebec Pension Plan benefits and unemployment insurance benefits) received from federal, provincial or municipal programs in calendar year 1985. This source includes transfer payments received by persons in need such as mothers with dependent children, persons temporarily or permanently unable to work, elderly individuals, the blind and the disabled. Included are provincial income supplement payments to seniors to supplement old age security and guaranteed income supplement and provincial payments to seniors to help offset accommodation costs. Also included are other transfer payments such as for training under the National Training Program (NTP), veterans' pensions, war veterans' allowance, pensions to widows and dependants of veterans, workers' compensation, etc. Additionally, provincial tax credits and allowances claimed on the income tax return are included.

(10)   Dividends and Interest on Bonds, Deposits and Savings Certificates, and Other Investment Income

Refers to interest received in calendar year 1985 from deposits in banks, trust companies, co-operatives, credit unions, caisses populaires, etc., as well as interest on savings certificates, bonds and debentures and all dividends from both Canadian and foreign stocks. Also included is other investment income from either Canadian or foreign sources such as net rents from real estate, mortgage and loan interest received, regular income from an estate or trust fund, and interest from insurance policies.

(11) Retirement Pensions, Superannuation and Annuities

Refers to all regular income received during calendar year 1985 as the result of having been a member of a pension plan of one or more employers. It includes payments received from all annuities, including payments from a mature registered retirement savings plan (RRSP) in the form of a life annuity, a fixed term annuity, a registered retirement income fund or an income-averaging annuity contract; pensions paid to widows or other relatives of deceased pensioners; pensions of retired civil servants, Armed Forces personnel and RCMP officers; annuity payments received from the Canadian Government Annuities Fund, an insurance company, etc. Does not include lump-sum death benefits, lump-sum benefits or withdrawals from a pension plan or RRSP or refunds of overcontributions.

(12) Other Money Income

Refers to regular cash income received during calendar year 1985 and not reported in any of the other nine sources listed on the questionnaire, e.g., alimony, child support, periodic support from other persons not in the household, net income from roomers and boarders, income from abroad (except dividends and interest), non-refundable scholarships and bursaries, severance pay, royalties, strike pay.

Receipts Not Counted as Income

Gambling gains and losses, money inherited during the year in a lump sum, capital gains or losses, receipts from the sale of property or personal belongings, income tax refunds, loan payments received, loans repaid to an individual as the lender, lump sum settlements of insurance policies, rebates of property taxes and other taxes, and refunds of pension contributions were excluded as well as all income in kind such as free meals, living accommodation, or food and fuel produced on own farm.

Remarks

No income information was collected from institutional residents in the 1986 Census. Individuals immigrating to Canada in 1986 have zero income. Also, because of response problems, all individuals in Hutterite colonies were assigned zero income.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except in certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

The value 0 represents zero total income for maintainer's spouse or no maintainer's spouse.

Data Set Name: Household/Housing File

EFSIZE - Field 83

Number of Persons in Economic Family

Refers to the number of persons in the maintainer's economic family. An economic family is defined as a group of individuals sharing a common dwelling unit and related by blood, marriage, adoption or common-law.

Reported for: Population in private households

Code	Description	Includes
1	Not applicable	Unattached individuals
2	Two	
3	Three	
4	Four	
5	Five	
6	Six	
7	Seven	
8	Eight or more persons	

Data Set Name: Household/Housing File

EFADULT - Field 84

Number of Adults

Refers to the number of adults in the maintainer's economic family. It includes persons 16 years of age or over, maintainer, spouse and ever-married persons of any age.

Reported for: Population in private households

Code	Description	Includes
1	One	
2	Two	
3	Three	
4	Four	
5	Five	
6	Six or more adults	
9	Not available	
0	Not applicable	Unattached individuals

Data Set Name: Household/Housing File

EFPERSGH - Field 85

Number of Persons 65 Years of Age and Over

Refers to the number of persons 65 years of age and over in the maintainer's economic family.

Reported for: Population in private households

Code	Description	Includes
0	None	No maintainer's economic family
1	One	
2	Two or more persons	
9	Not available	

Data Set Name: Household/Housing File

EFPERSA - Field 86

Number of Persons Under 6 Years of Age

Refers to the number of persons of any relationship to the household maintainer who are under 6 years of age in a family.

Reported for: Population in private households

Code	Description	Includes
0	None	No maintainer's economic family
1	One	
2	Two	
3	Three or more persons	
9	Not available	

Data Set Name: Household/Housing File

EFPERSB - Field 87

Number of Persons 6 to 15 Years of Age

Refers to the number of persons of any relationship to the household maintainer who are 6 to 15 years of age. Excluded are household maintainers and ever-married children.

Reported for: Population in private households

Code	Description	Includes
0	None	No maintainer's economic family
1	One	
2	Two	
3	Three	
4	Four or more persons	
9	Not available	

Data Set Name: Household/Housing File

EFPERSC - Field 88

Number of Persons 16 to 17 Years of Age

Refers to the number of persons 16 to 17 years of age in the maintainer's economic family. Excluded are the household maintainer and his/her spouse.

Reported for: Population in private households

Code	Description	Includes
0	None	No maintainer's economic family
1	One	
2	Two or more persons	
9	Not available	

Data Set Name: Household/Housing File

EFPERSD - Field 89

Number of Persons 18 to 24 Years of Age

Refers to the number of persons 18 to 24 years of age in the maintainer's economic family. Excluded are the household maintainer and his/her spouse.

Reported for: Population in private households

Code	Description	Includes
0	None	No maintainer's economic family
1	One	
2	Two	
3	Three or more persons	
9	Not available	

Data Set Name: Household/Housing File

EFCOMP - Field 90

Economic Family Composition

Refers to the composition of the maintainer's economic family on the basis of the presence of children. An economic family is defined as a group of individuals sharing a common dwelling unit and related by blood, marriage, adoption or common-law. Persons living common-law are considered as now married regardless of their legal marital status. Unattached individuals refers to household members who are not members of an economic family. A person living alone is always an unattached individual.

Reported for: Population in private households

Code	Description
1	Maintainer is an unattached individual
2	Husband-wife family
3	Husband-wife family with single child(ren)
4	Male lone parent with single child(ren)
5	Female lone parent with single child(ren)
6	Husband-wife family with married children and their immediate families, if any (with or without other relatives)
7	Husband-wife family with single and married children and their immediate families, if any (with or without other relatives)
8	Husband-wife family with relatives other than own children
9	All other families

Data Set Name: Household/Housing File

EFNUEMPI - Field 91

Number of Employment Income Recipients in Maintainer's Economic Family

Refers to the number of persons 15 years of age and over with employment income (earners) in the maintainer's economic family unit. Employment income is the total income received by persons 15 years of age and over during 1985 as wages and salaries, net income from non-farm self-employment and/or net farm income.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
0	No recipients	
1	One recipient	
2	Two recipients	
3	Three recipients	
4	Four recipients	
5	Five or more recipients	
6	Not applicable	No economic families

Data Set Name: Household/Housing File

EFNUTOTI - Field 92

Number of Income Recipients in Maintainer's Economic Family

Refers to the number of individuals 15 years of age and over in the maintainer's economic family unit, who received income from any of the following sources: wages and salaries, net non-farm self-employment, net farm self-employment, family allowances, federal child tax credits, old age security pension and guaranteed income supplement, benefits from Canada or Quebec Pension Plan, unemployment insurance, other income from government sources, dividends and interest on investment income, retirement pensions, superannuation and annuities or other money income.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
0	No recipients	
1	One recipient	
2	Two recipients	
3	Three recipients	
4	Four recipients	
5	Five or more recipients	
6	Not applicable	No economic families

Data Set Name: Household/Housing File

EFLOINC - Field 93

Income Status of Maintainer's Economic Family and Incidence of Low Income

Income status refers to the position of the maintainer's economic family in relation to Statistics Canada's Low Income Cut-offs. These cut-offs are determined separately for families of different sizes and living in areas of different degrees of urbanization.

The incidence of low income is the proportion or percentage of units in a given classification below the income cut-offs. The low income statistics from the 1981 and 1986 Censuses are based on the revised (1978) cut-offs which were initially estimated from the 1978 National Family Expenditure Survey and then updated to 1980 and 1985 by the changes in the Consumer Price Index since 1978.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	The total income of the economic family unit in 1985 was not below the low income cut-off point	
2	The total income of the economic family unit in 1985 was below the low income cut-off	
0	Not applicable	No economic family, economic families in Yukon and Northwest Territories

Data Set Name: Household/Housing File

EFMSINC - Field 94

Major Source of Family Income

Refers to that income component which constitutes the largest proportion of the total income of the maintainer's economic family. The amounts from various sources of income were combined into five components as follows: wages and salaries, self-employment (non-farm and farm), government transfer payments, investment income and other income (retirement pensions and other money income). The absolute values for these components were compared and the component with the largest absolute value was designated as the major source of income.

Reported for: Population 15 years of age and over in private households

Code	Description	Includes
1	No income	
2	Wages and salaries	
3	Self-employment income	
4	Government transfer payments	
5	Investment income	
6	Other income	
0	Not applicable	No economic family

Data Set Name: Household/Housing File

EFEMPINC - Field 95

Total Family Employment Income

Refers to the total income received by persons 15 years of age and over in the maintainer's economic family during calendar year 1985 as wages and salaries, net income from non-farm self-employment and/or net farm income.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

The value 0 represents either zero income for the family or no economic family.

Data Set Name: Household/Housing File

EFNETINV - Field 96

Family Investment Income

Refers to the actual amount of investment income of the maintainer's economic family unit. This source includes interest received by persons, 15 years of age and over, in the maintainer's economic family in calendar year 1985 from deposits in banks, trust companies, co-operatives, credit unions, caisses populaires, etc., as well as interest on savings certificates, bonds and debentures and all dividends from both Canadian and foreign stocks. Also included is other investment income from either Canadian or foreign sources such as net rents from real estate, mortgage and loan interest received, regular income from an estate or trust fund, and interest from insurance policies.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

The value 0 represents either zero investment income for the family or no economic family.

Data Set Name: Household/Housing File

EFGOVINC – Field 97

Total Family Government Transfer Payments

Refers to all amounts received by persons 15 years of age and over in the maintainer's economic family from federal, provincial and municipal governments during calendar year 1985. For a description of amounts included in this source, see Old Age Pensions, Benefits from Canada or Quebec Pension Plan, Family Allowances, Federal Child Tax Credits, Unemployment Insurance Benefits and Other Government Transfer Payments under Total Family Income. The 1986 Census included federal child tax credits as a source of income for the first time.

Reported for: Population 15 years of age and over in private households

Code	Description
Actual amount	This variable is always positive

The value 0 represents either zero government transfer payments to the family or no economic family.

Data Set Name: Household/Housing File

EFOTINC - Field 98

All Other Family Income

Refers to all regular income received during calendar year 1985 by all persons 15 years of age and over in the maintainer's economic family unit as the result of having been a member of a pension plan of one or more employers. It includes payments received from all annuities, including payments from a matured registered retirement savings plan (RRSP) in the form of a life annuity, a fixed term annuity, a registered retirement income fund or an income-averaging annuity contract; pensions paid to widows or other relatives of deceased pensioners; pensions of retired civil servants, Armed Forces personnel and RCMP officers; annuity payments received from the Canadian Government Annuities Fund, an insurance company, etc. Does not include lump-sum death benefits, lump-sum benefits or withdrawals from a pension plan or RRSP or refunds of overcontributions.

Also includes regular cash income received during calendar year 1985 and not included in any of the other sources, e.g., alimony, child support, periodic support from other persons not in the household, net income from roomers and boarders, income from abroad (except dividends and interest), non-refundable scholarships and bursaries, severance pay, royalties, strike pay.

Reported for: Population 15 years of age and over in private households

Code	Description
Actual amount	This variable is always positive and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

The value 0 represents either zero other income for the family or no economic family.

Data Set Name: Household/Housing File

EFTOTINC – Field 99

Total Family Income

Refers to the total income of the maintainer's economic family unit which is the sum of amounts received by all individuals 15 years of age and over in the maintainer's economic family unit during 1985 from the sources listed below.

(1)   Wages and Salaries

These are gross wages and salaries before deductions for such items as income tax, pensions, unemployment insurance, etc. Included in this source are military pay and allowances, tips, commissions, cash bonuses as well as all types of casual earnings in 1985. All income "in kind" such as free board and lodging is excluded.

(2)   Net Non-farm Self-employment Income

Refers to net income (gross receipts minus expenses of operation such as wages, rents, depreciation, etc.) received during calendar year 1985 from the respondent's non-farm unincorporated business or professional practice. In the case of a partnership, only the respondent's share was to be reported. Also included is net income from persons baby-sitting in their own homes, operators of direct distributorships such as selling and delivering cosmetics, as well as from free-lance activities of artists, writers, music teachers, hairdressers, dressmakers, etc.

(3)   Net Farm Self-employment Income

Refers to net income (gross receipts from farm sales minus depreciation and cost of operation) received during calendar year 1985 from the operation of a farm, either on own account or in partnership. In the case of partnerships, only the respondent's share of income was to be reported. Also included are advance, supplementary or assistance payments to farmers by federal or provincial governments. However, the value of income "in kind", such as agricultural products produced and consumed on the farm is excluded.

(4)   Family Allowances

Refers to the total allowances paid in calendar year 1985 by the federal and provincial governments in respect of dependent children under 18 years of age. These allowances, though not collected directly from the respondents, were calculated and included in the income of one of the parents.

(5)   Federal Child Tax Credits

Refers to federal child tax credits paid in calendar year 1985 by the federal government in respect of dependent children under 18 years of age.

The 1986 Census included federal child tax credits as a source of income for the first time. No information was collected from the respondents on child tax credits. Instead, these were calculated in the course of processing and assigned, where applicable, to one of the parents in the census family on the basis of information on children in the family and the family income.

(6)   Old Age Security Pension and Guaranteed Income Supplement

Refers to old age security pensions and guaranteed income supplements paid to persons 65 years of age and over, and spouses' allowances paid to 60 to 64 year-old spouses of old age security recipients by the federal government only during calendar year 1985. Also included are extended spouses' allowances paid to 60 to 64 year-old widows/widowers whose spouse was an old age security pension recipient.

(7)   Benefits from Canada or Quebec Pension Plan

Refers to benefits received in calendar year 1985 under the Canada or Quebec Pension Plan, e.g., retirement pensions, survivors' benefits, disability pensions. Does not include retirement pensions of civil servants, RCMP and military personnel or lump-sum death benefits.

(8)   Benefits from Unemployment Insurance

Refers to total unemployment insurance benefits received in calendar year 1985, before income tax deductions. It includes benefits for sickness, maternity, fishing, work sharing, retraining and retirement received under the Federal Unemployment Insurance program.

(9)   Other Income from Government Sources

Refers to all transfer payments, excluding those covered as a separate income source (family allowances, federal child tax credits, old age security pensions and guaranteed income supplements, Canada/Quebec Pension Plan benefits and unemployment insurance benefits) received from federal, provincial or municipal programs in calendar year 1985. This source includes transfer payments received by persons in need such as mothers with dependent children, persons temporarily or permanently unable to work, elderly individuals, the blind and the disabled. Included are provincial income supplement payments to seniors to supplement old age security and guaranteed income supplement and provincial payments to seniors to help offset accommodation costs. Also included are other transfer payments such as for training under the National Training Program (NTP), veterans' pensions, war veterans' allowance, pensions to widows and dependants of veterans, workers' compensation, etc. Additionally, provincial tax credits and allowances claimed on the income tax return are included.

(10)   Dividends and Interest on Bonds, Deposits and Savings Certificates, and Other Investment Income

Refers to interest received in calendar year 1985 from deposits in banks, trust companies, co-operatives, credit unions, caisses populaires, etc., as well as interest on savings certificates, bonds and debentures and all dividends from both Canadian and foreign stocks. Also included is other investment income from either Canadian or foreign sources such as net rents from real estate, mortgage and loan interest received, regular income from an estate or trust fund, and interest from insurance policies.

(11) Retirement Pensions, Superannuation and Annuities

Refers to all regular income received during calendar year 1985 as the result of having been a member of a pension plan of one or more employers. It includes payments received from all annuities, including payments from a mature registered retirement savings plan (RRSP) in the form of a life annuity, a fixed term annuity, a registered retirement income fund or an income-averaging annuity contract; pensions paid to widows or other relatives of deceased pensioners; pensions of retired civil servants, Armed Forces personnel and RCMP officers; annuity payments received from the Canadian Government Annuities Fund, an insurance company, etc. Does not include lump-sum death benefits, lump-sum benefits or withdrawals from a pension plan or RRSP or refunds of overcontributions.

(12) Other Money Income

Refers to regular cash income received during calendar year 1985 and not reported in any of the other nine sources listed on the questionnaire, e.g., alimony, child support, periodic support from other persons not in the household, net income from roomers and boarders, income from abroad (except dividends and interest), non-refundable scholarships and bursaries, severance pay, royalties, strike pay.

Receipts Not Counted as Income

Gambling gains and losses, money inherited during the year in a lump sum, capital gains or losses, receipts from the sale of property or personal belongings, income tax refunds, loan payments received, loans repaid to an individual as the lender, lump sum settlements of insurance policies, rebates of property taxes and other taxes, and refunds of pension contributions were excluded as well as all income in kind such as free meals, living accommodation, or food and fuel produced on own farm.

Remarks

No income information was collected from institutional residents in the 1986 Census. Individuals immigrating to Canada in 1986 have zero income. Also, because of response problems, all individuals in Hutterite Colonies were assigned zero income.

Reported for: Population 15 years of age and over in private households

This is a signed numeric field and shows the actual amount received in 1985 except for certain cases where the reported amount was beyond specified limits. For further information on income data, see Chapter 2.

The value 0 for total family income represents zero total income for the family or no economic family.

Chapter 2 - Data Quality

Chapter 2 provides data quality notes on the data contained in the file. Chapter 2 is composed of two parts:

Information on the characteristics of the sample

The reader will find information on the sample design and the reliability of the estimates, namely:

A. Target population and geographical limitations of the file

B. Sample design

C. Estimation

    1. Weighting
    2. Types of estimation

D. Data reliability

    1. Acceptability of estimations
    2. Sampling variability
    3. Non-sampling variability

Information related to other factors affecting data reliability

Non-sampling errors can also have an impact on data quality. The user will find information on these factors, namely for the household maintainer and type of dwelling variables whose data must be interpreted with care.

SAMPLE DESIGN AND ESTIMATION

A. Target Population and Geographical Limitations of the File

The target population for the file includes all private households in occupied private dwellings in Canada outside Indian reserves. Thus, the following population subgroups are not included in the file:

(a) collective households;

(b) households outside Canada;

(c) dwellings occupied by temporary residents and/or foreign residents;

(d) households located on Indian reserves.

In order to meet confidentiality criteria, the geographical information on the file is limited. Thus, the census metropolitan area (CMA), broken down by rural/urban code, is the lowest level of geographical aggregation of the file. However, a supplementary criterion, minimum population by CMA, is also imposed. Hence, only CMAs with a private off-reserve household population exceeding 50,000 are identified. For this reason, certain CMAs are combined, those are:

> Trois-Rivières and Sherbrooke
> Sudbury and Thunder Bay

However, two exceptions are made to the minimum population rule: the province of Prince Edward Island and Yukon/Northwest Territories are identified separately.

For a complete list of the identified CMAs, the reader is referred to Chapter 1.

B. Sample Design

The household microdata sample was selected using a two-stage sampling method. The one-fifth (2B data) sample collected during the 1986 Census constitutes the first stage of sampling. In the second stage of sampling, a systematic sample of households was selected within pre-determined strata, with probability proportional to the household weight.

1. **First Stage**

   In the 1986 Census, four out of five households were enumerated using a short questionnaire (2A). This questionnaire contained nine questions of a demographic and ethno-cultural/linguistic nature. One out of five households received a more detailed questionnaire (2B). In addition to the nine 2A questions, the 2B questionnaire contained 23 other questions covering a wide range of topics.

   The first stage of sampling for the household microdata file therefore begins with the census one-fifth (2B) sample. The data collected by the census for this population subgroup are weighted. Thus, each household in the sample "represents", in addition to itself, four households which are not part of the sample. The average weighting factor or weight for each household is approximately five, although these weights are modified slightly by a statistical adjustment procedure. For further details concerning the census one-fifth sample, refer to the "Census Handbook", 1988, Catalogue No. 99-104E.

2. **Second Stage**

   As indicated in Section A, the target population for the file was divided into subgroups or geographical strata and a sample of households was drawn from each of these strata. On average, 1.29 households were selected for every 100 households, or approximately 6.45 households for every 100 households in the unweighted 2B population. This sampling ratio varied according to the geographical area concerned in order to ensure, with a few exceptions, a minimum sample size of 2,500 households. Table 1 shows the geographical strata along with their inverse sampling ratios, the size of the target population and the size of the sample obtained.

Table 1: **Geographic Stratification of the Sample of Households**

Geographic area	Inverse sampling ratio	Size of the target population (weighted 2B)	Sample size
CMA			
1. Halifax	41	103,828	2,532
2. Chicoutimi - Jonquière	20	51,274	2,564
3. Montréal	100	1,115,357	11,154
4. Québec City	87	218,050	2,506
5. Trois-Rivières + Sherbrooke	38	95,992	2,526
6. Hull	28	70,274	2,510
7. Ottawa	92	232,002	2,522
8. Hamilton	80	201,327	2,516
9. Kitchener	44	110,154	2,504
10. London	51	129,402	2,537
11. Oshawa	27	68,010	2,519
12. St. Catharines-Niagara	49	124,576	2,543
13. Sudbury + Thunder Bay	38	95,089	2,503
14. Toronto	100	1,199,754	11,998
15. Windsor	36	91,613	2,545
16. Winnipeg	94	236,319	2,514
17. Regina	27	67,641	2,505
18. Saskatoon	29	73,920	2,549
19. Calgary	99	248,588	2,511
20. Edmonton	100	283,146	2,832
21. Vancouver	100	530,310	5,303
22. Victoria	41	104,654	2,553
Residual areas			
23. Newfoundland	63	159,081	2,525
24. New Brunswick	92	230,807	2,509
25. Prince Edward Island	20	40,594	2,029
26. Nova Scotia (less CMAs)	100	190,813	1,908
27. Quebec (less CMAs)	100	801,583	8,016
28. Ontario (less CMAs)	100	962,317	9,623
29. Prairies (less CMAs)	100	651,719	6,517
30. British Columbia (less CMAs)	100	439,675	4,396
31. Northwest Territories + Yukon	20	21,556	1,078
TOTAL		8,949,425	115,347

Thus, in Halifax, one in every 41 households, or 5 out of 41 households of the unweighted 2B population, were selected. In addition, to make the sample more representative, the population was sorted within each geographical stratum by the following variables:

(a) Tenure

   (i)   owner
  (ii)   tenant

(b) Type of household

   (i)   one-family household
  (ii)   multiple-family household
 (iii)   non-family household

(c) Household income

   (i)   less than $24,000
  (ii) $24,000 and over

For households located in CMAs, a supplementary sort is carried out by:

(d1) Area of residence

   (i)   urban core
  (ii)   urban fringe
 (iii)   rural fringe

For households in residual areas, there is a final sort by:

(d2) Area of residence

   (i)   population of 100,000 and over
  (ii)   population between 30,000 and 99,999
 (iii)   population between 10,000 and 29,999
 (iv)   population between 2,500 and 9,999
  (v)   population less than 2,500 (including rural areas)

The sample was then selected within each stratum as follows: a random number, called the "random start", was selected between 0 and the inverse sampling rate minus 1. The weight of the first household in the stratum as defined by the 2B sample was added to the random start. If the sum obtained was greater than or equal to the inverse sampling ratio, the household was selected; otherwise, the weight of the next household was added, and so on. This procedure is called "systematic sampling with probability proportional to size", with size in this case being the weight of the household. This method makes it possible to obtain a sample in which the distribution of household characteristics is the same as in the total population. In order to avoid any risk of identifying households due to the systematic character of sampling, the order of households is modified randomly within each geographic stratum.

C. Estimation

In this section, the concept of weighting is introduced as it applies to the household microdata file, and then a brief explanation is provided of the types of estimation which may be obtained using the microdata file.

1. Weighting

The household microdata file contains a record for each selected household in the sample. Each record contains a certain number of characteristics or variables described in Chapter 1. Each of those households represents, in addition to itself, several other households which are not part of the sample. Instead of repeating the records in the sample according to the number of households they represent, each record has been assigned a weighting factor or weight. This weight is equivalent to the inverse sampling ratio associated with the household's particular geographic area. These inverse ratios are listed in Table 1 and identified in the microdata file by the WEIGHT variable.

The weight therefore indicates the number of times a particular record must be reproduced to obtain population estimates. For example, if we wish to estimate the number of "semi-detached" dwellings in Canada, we can select the records from the microdata file relating to this category of dwelling, and then add up their weights.

N.B.: Users are advised not to use unweighted data from the microdata file. The file was obtained using a complex sample design, characterized by major differences in sampling ratios among geographical strata (Table 1). Consequently, certain regions are over-represented in the sample relative to their population, to ensure a minimum sample size of 2,500 households in each geographical stratum. This means that the unweighted sample is not representative of the population covered by the file.

2. Types of Estimation

Two types of variables are contained on the file: qualitative variables indicating whether or not a household possesses a given characteristic, and quantitative variables such as income.

(a) Estimation for qualitative variables

Suppose we wish to estimate the number of household maintainers of British ethnic origin residing in Ontario. This estimate is easily obtained by adding up the weights of the records of households possessing this combination of characteristics. This could be expressed as a proportion of all household maintainers in Ontario, the latter being obtained by adding up the weights of all households in the province.

(b) Estimation for quantitative variables

In the case of quantitative variables, estimates may be obtained based directly on the numerical values of these variables, such as averages, medians or totals. For example, the average employment income of female household maintainers in Quebec could be calculated using the following formula:

$$
\text{Estimate of the average employment income of female household maintainers in Quebec} = \frac{X}{Y}
$$

where the numerator (X) is a quantitative estimate of the total employment income of female household maintainers in Quebec. This estimate is obtained by multiplying the weights of each record (one per household) of female household maintainers in Quebec by their employment income, and by adding up these products for all the appropriate records. The denominator (Y) is obtained by adding up the weights of the records of female household maintainers in Quebec. It should be noted that the X and Y estimates are obtained independently, then divided one by the other.

(c) More complex analyses

The user may wish to apply certain data analysis techniques, such as linear or logistic regression, or variance analysis, to the household file. However, caution must be exercised in doing so. The microdata file is obtained using a complex sample design and each record is therefore assigned a weight. The user **must** take these weights into account in any analysis. Thus, the significance of any specific analysis of the data will depend on the extent to which it takes the sampling plan into account.

D. Data Reliability

Since the microdata file is based on a sample of households, we cannot expect perfect agreement between the census data (based on the whole census or on the census one-fifth sample) and estimates based on results obtained using the microdata records. These data will inevitably differ to a certain degree, because of the random character of sample selection; however, the degree of random variation can be calculated.

The methodology used for the production of general tables illustrating measurements of sampling error are presented prior to a discussion of a statistical test designed to evaluate the degree of agreement of the microdata sample with the 2B census data. Finally, there is a brief discussion of non-sampling errors.

1. Acceptability of the Estimations

A frequently used statistical test to verify the degree of agreement between estimates based on a sample and totals for the entire population is the chi-square test. While we are not presenting a mathematical description of this

test here, it concerns the distribution observed in the sample, for each variable in the file, compared to the distribution obtained from the census population (weighted 2B), within each geographic area included in the file. A critical threshold is set, in this instance 5%, and it is to be expected that, on average, 1 test out of 20 will yield significant results due to sampling variability. If this limit is exceeded, the microdata sample is a poor sample of the census population for a given variable.

The results agreed with the predictions, since less than 5% of the statistical tests calculated were significant. It may therefore be assumed that the sample obtained is an acceptable representation of the census population.

2. Sampling Variability

The difference between the estimates obtained from the household microdata sample and the census results is defined as the estimate's sampling error. However, even if we do not know the exact value of this discrepancy, it is possible to estimate a statistical measure called the **standard error**. This measure reflects the variability expected for estimates based on samples of similar size and design and can be estimated from the sample data.

Using the standard error, it is possible to define confidence intervals for the estimates, assuming that they are distributed normally around the true population value. Thus, there is an approximately 68% chance that the difference between an estimate based on a sample and the true population value will be less than one standard error, an approximately 95% chance that this difference will be less than two standard errors and an approximately 99% chance that it will be less than two and a half times the standard error.

It should be noted that these intervals take into account only the sampling variability of the estimate. Thus, errors not due to sampling variability, such as response and processing errors, which can introduce systematic biases in the data, are not accounted for by the confidence interval. Non-sampling errors are discussed in Section D3.

(a) Sampling variability for qualitative variables

A measure frequently used to demonstrate the degree of sampling variability of an estimate is the "coefficient of variation (CV)". This is simply the standard error expressed as a percentage of the estimate.

General tables of sampling variability are provided in Appendix B. It should be noted, however, that because of the large number of estimates which can be derived from the household microdata file, it is impossible to present **exact** CVs for all the possible areas of study. Approximate CVs expressed as percentages are presented for the national level and for each

CMA and province identified in the microdata file. In addition to being easy to use, these tables, although approximate, enable the user to decide whether a particular estimate may be released for general use or should be discarded.

The following table sets out the rules generally followed at Statistics Canada for deciding, on the basis of its CV, whether or not an estimate should be released.

Category	Coefficient of variation (%)	Alphabetic code	Recommendation
1. Unrestricted	0.0 to 0.5 0.6 to 1.0 1.1 to 2.5 2.6 to 5.0 5.1 to 10.0 10.1 to .16.5	A B C D E F	Estimates may be included in a general release without restriction. Use of the alphabetic code is recommended. The letter A indicates that the estimate is very reliable; the letter B indicates that the estimate is reliable, but less so than category A, etc.
2. Restricted	16.6 to 25.0 25.1 to 33.3	G H	The estimates are sufficiently reliable for specific purposes, but must be used with great caution. Any time they are used, it must be pointed out that their sampling variability is high.
3. Not to be released	33.4 and over	I	The estimates must not be released in any form or under any condition. They should be deleted from statistical tables.

The CVs presented in Tables of Approximated Sampling Variability (in Appendix B) were calculated using the simple random sample formula. However, since the household microdata sample was selected using a more complex sampling plan, each CV was multiplied by a factor called the sample design effect. This factor is defined as the ratio between the actual standard error of the estimate (according to the complex sample design) and the standard error for a simple random sample of the same size. The sample design effect has been calculated for various characteristics for each CMA and province and for Canada as a whole. The design effects used in Tables of Approximated Sampling Variability (in Appendix B) represent typical values selected from these calculated values. Preference was given to high factors rather than low ones, thus introducing a certain conservatism in the tables and generally yielding CVs greater than would have been obtained using more accurate techniques.

A few rules for using these tables are presented below, and should enable users to determine the approximate CVs for estimates of totals, percentages and ratios.

Rule 1. Estimates of Totals

In this case, the CV depends solely on the value of the estimated total. For example, if we estimate the number of "semi-detached" dwellings in Montréal at 532,000; using the table for Montréal, we refer to the row closest to 532,000 (the numerator of the percentage), in this case 500,000, and we move across until we reach the column containing an estimate (any column different from "*****"). For this example, the approximate CV relating to the estimated number of semi-detached dwellings in Montréal is around 1.2%. This estimate can therefore be released without restriction, although use of the alphabetic code "C" is recommended.

Rule 2. Estimation of Percentages

The CV of a percentage estimate depends on the value of the percentage and on the size of the population on which the percentage is based. For example, let us assume that we wish to obtain the CV of the estimate of the number of household maintainers between the ages of 20 and 24 who reside in Winnipeg and were born in Manitoba. The estimate of the number of household maintainers between the ages of 20 and 24 in Winnipeg is 17,578. Of this number, 12,690 were born in Manitoba. The numerator of the percentage in this case is therefore 12,690. The estimated percentage is 12,690/17,578, or approximately 70%. Using the table for Winnipeg, we refer to the row closest to 12,690, in this case 12,000, then to the column closest to 72%, in this case 70%. Looking at the intersection of the corresponding row and column on the table, we find that the approximate CV is 5.7%. The estimate can therefore be released without restriction, although use of the alphabetic code "E" is recommended.

Rule 3. Estimation of Ratios

When the numerator is a subset of the denominator, as in the preceding example, rule 2 must be used. When the numerator is not a subset of the denominator as for example the ratio of the number of female household maintainers to the number of male household maintainers, the following formula is used to calculate the CV:

let the ratio $\quad R = \dfrac{X}{Y}$

$$CV(R) = (\ CV(X)^2 + CV(Y)^2 \ )^{1/2}$$

where CV(X) and CV(Y) are obtained using rule 1 or 2. However, this formula will have the effect of overestimating the CV if there is a positive correlation between X and Y and of underestimating it if there is a negative correlation.

(b) <u>Sampling variability for quantitative variables</u>

As explained in Section C. 2., statistics for the quantitative variables can be derived based on their numerical value. Averages, medians and factors of correlation, for example, belong to this category.

Since the microdata file represents a sample of all the private households in occupied private dwellings off reserves in Canada, each record is assigned a weight. These weights must therefore be taken into consideration in all analyses. Although the majority of statistical software programs permit the use of weights, there may be some variation in definitions. Although estimates produced using weights are usually correct, the estimates of sampling variability may not be. To calculate the correct sampling variabilities, we must know all the details of the sampling plan, details which cannot be disclosed here for reasons of complexity and confidentiality.

However, we propose an alternative method, using random groups, for calculating the sampling variability of quantitative variables. Although this method requires additional work, it yields a good estimate of the desired standard error. The following steps should be followed:

(i)   Distribute the units (households) on the microdata file into k subgroups of approximately equal size (k = 4 would be sufficient), within each geographical stratum (Table 1). Since the households have already been placed in random order, a systematic distribution is sufficient, placing the first element and each kth element which follows in the first subgroup and so on.

(ii)   Calculate the value of the desired statistics for each subgroup. This requires multiplying the weight by the value k, since each subgroup must represent the entire population. Let "z_i" equal the value of the statistic for the subgroup i (i = 1,2, ... ,k).

(iii)   The standard error of the statistic is calculated using the following formula:

$$ s = \frac{1}{k(k-1)} \sum_{1=1}^{k} (z_i - \bar{z})^2 \qquad \text{where} \qquad \bar{z} = \sum_{1=1}^{k} \frac{z_i}{k} $$

3. Non-sampling Variability

Sampling error is only one component of a survey's total error. Non-sampling errors may also contribute to this total error. Errors of this type are introduced, for example, when the respondent provides incorrect information or does not answer a certain question (response error), when a unit of the target population is overlooked or counted more than once (coverage error), or during data processing, for example, coding or data capture errors. Furthermore, in order to meet confidentiality criteria, some values must be suppressed. The measures of sampling variability discussed in the preceding

sections take into account only variability relative to census data. Thus, they do not reflect any inaccuracies introduced in these data (both census and sample) by non-sampling errors and suppressions.

If a specific estimate concerns only a small proportion of the population, the sampling error will be the primary component of the total error. However, the more closely the estimate approximates the total number in the population, the smaller the sampling error becomes, which is not necessarily the case for non-sampling errors. In fact, the more closely the estimate approximates the total of the corresponding population, the larger the non-sampling errors relative to sampling errors.

OTHER FACTORS AFFECTING DATA RELIABILITY

ADJUSTMENTS TO GEOSTATISTICAL AREAS

Users should be aware that census geostatistical areas are subject to change from one census to the next. Therefore, when using data from two or more censuses, the user must be aware of, and take into consideration, any changes to the geographic limits of the areas being compared. Users wishing to obtain additional information in this regard should refer to Chapter 3.

POPULATION COUNTS BASED ON USUAL RESIDENCE

The population counts shown here for a particular area represent the number of Canadians whose usual place of residence is in that area, regardless of where they happened to be on Census Day. Also included are any Canadians staying in a dwelling in that area on Census Day and having no usual place of residence elsewhere in Canada. In most areas, there is little difference between the number of usual residents and the number of people staying in the area on Census Day. For certain places, however, such as tourist or vacation areas, or those including large work camps, the number of people staying in the area at any particular time could significantly exceed the number of usual residents shown here.

IMMIGRANT POPULATION AND POPULATION BORN OUTSIDE CANADA

All persons born outside Canada are not necessarily immigrants to Canada. Individuals who have reported their place of birth outside Canada, but who are Canadian citizens by birth, are not considered immigrants to Canada. Consequently, they do not have a period of immigration or age at immigration when they take up permanent residence in Canada. These individuals will be included in the non-immigrant population. This approach was used in the 1981 Census. By contrast, in the 1971 Census, all persons born outside Canada were categorized as immigrants and required to respond to the question on period of immigration.

MOBILITY STATUS

The geographic areas reflect boundaries as of January 1, 1986, the geographic reference date for the 1986 Census of Canada.

The counts for total "migrants" (a migrant is anyone who, five years earlier, did not have his/her usual place of residence within the census subdivision (CSD) where he/she was enumerated) are additive across any geographic level - e.g., the migrant count at the Canada level is the sum of the migrants at the provincial level.

At the CSD level, users are advised to exercise caution in the use of data on migrants, particularly for suburban municipalities within large metropolitan areas. Counts for total migrants, including in- and out-migrants, could be distorted due to suspected types of mis-response such as: (a) respondents in metropolitan areas reporting the main city rather than the municipality they actually lived in five years earlier (e.g., reported Toronto instead of Scarborough); (b) respondents failing to indicate a move from a different CSD if they perceived that they were still in the same main city (e.g., moved from Toronto to Scarborough but indicated that they still lived in the same municipality); and (c) respondents reporting moves according to out-of-date boundaries.

The concept of "migrant" is defined at the CSD level. For geographic levels below the CSD, such as enumeration areas (EAs) and census tracts (CTs), please note that the distinction between the migrant and non-migrant population refers to the corresponding CSD of the EA or CT. For example, migrants of a CT are those persons who moved from a different CSD, while non-migrants are those who moved within the same CSD - they moved either between different CTs or within the same CT.

Names and boundaries of particular census subdivisions may undergo trivial or, in some cases, substantial modifications during the five-year intercensal period; therefore, comparisons of data for a specific subprovincial area between any two censuses will not be valid unless these changes, if any, are accounted for.

Details of intercensal boundary changes can be found in the **Standard Geographical Classification** (Cat. No. 12-573).

Boundaries and CSD components of CMAs and CAs will often undergo modifications during the intercensal period; therefore, comparisons of data for specific areas between any two censuses will not be valid unless these changes are accounted for. A publication is available which provides comparisons of 1986 CMAs and CAs, and their 1981 versions. **Census Metropolitan Areas and Census Agglomerations: A 1986 and 1981**

Comparison (Cat. No. 99-105E or F) lists census subdivisions that make up the 1986 version of each CMA and CA, and shows corresponding delineations for 1981.

NUMBER OF WEEKS WORKED

The data for the 40-48 and 49-52 weeks worked categories for 1985 must be interpreted with caution because some respondents tend to exclude their paid leave of absence due to vacation or for other reasons from their work weeks, when in fact such leave of absence should be included. As a result, the 49-52 week category may be understated.

LABOUR FORCE ACTIVITY

The census labour force activity concepts have not changed between 1981 and 1986. However, the processing of the data was modified causing some differences. In the 1986 Census, contrary to previous censuses, a question on school attendance was not asked. This question was used to edit the labour force activity variable, specifically unemployment. Consequently, the processing differences affect the unemployed population and are mostly concentrated among the 15-19-year age group. The table on the following page indicates the magnitude of the effect upon the data, at the Canada level.

COMPARABILITY AND QUALITY OF LANGUAGE DATA

Comparison between 1981 and 1986

Mother tongue and home language. The language questions were the same in the last two censuses, but the instructions to respondents were modified for mother tongue and home language. In 1981, respondents were asked to indicate only one mother tongue and only one home language; nevertheless, 597,980 persons (2.5% of the population) reported more than one mother tongue and 535,735 persons (2.2% of the population) reported more than one home language.

To better reflect the linguistic reality in Canada, these instructions were dropped from the 1986 Census. Under the new guidelines, individuals could report more than one mother tongue if they had learned them at the same time and had spoken one as frequently as the other when they were children. Similarly, respondents could indicate more than one home language if they were now speaking them equally often at home.

The number of multiple responses given in the 1986 Census was significantly higher than in the 1981 Census. In 1986, 954,940 persons or 3.8% of the population reported a multiple response to the mother tongue question, while 1,159,675 or 4.6% of the population indicated more than one home language.

This increase was the result either of the changes made in the questionnaire, of changes in the way in which the population answers language questions or of an increase in the number of persons who had more than one mother tongue or spoke more than one language at home. A combination of these factors may also explain the increase in multiple responses.

When the 1981 data were processed, only one language was retained for publication, even in cases where the respondent reported more than one. In 1986, responses indicating more than one language were accepted.

In order to facilitate the determination of the trends between the two censuses, the 1986 Census results have been adjusted. In cases where more than one language was reported, the multiple responses were distributed among the component languages in the same proportions as in the 1981 Census. The results have been published in a special document entitled "Adjusted Language Data", April (1988). Also, data from the 1981 Census have been adjusted to show the multiple responses reported at that time. The data are presented in Table 4 of publications 93-102 (mother tongue) and 93-103 (home language). These adjustments to the mother tongue and home language figures make it easier to relate the 1986 data to the 1981 data, but do not make the results of the two censuses entirely comparable. Consequently, considerable care must be exercised in the interpretation of changes between 1981 and 1986.

The 1986 Classification of languages differs from that used in 1981, especially with regard to aboriginal languages. Appendix B of the 1986 Census Dictionary (Catalogue No. 99-101E) provides a description of the changes.

Official language - Some respondents report speaking English or French or both at home, while on the other hand they indicate in the official language question, that they cannot carry on a conversation in these languages.

Labour Force Activity, 1981 Census of Canada

Canada	1981 Census (as published in 1981)	1981 Census (using 1986 processing)	% change
Labour force 15 years and over	12,054,150	12,081,280	0.23
Employed	11,167,915	11,167,915	no change
Unemployed	886,235	913,365	3.06
Not in the labour force	6,555,135	6,528,005	–0.41
Labour force 15-19 years	1,073,945	1,098,390	2.28
Employed	906,705	906,705	no change
Unemployed	167,240	191,680	14.61
Not in the labour force	1,229,630	1,205,190	–1.99
Labour force 20 years and over	10,980,205	10,982,890	0.02
Employed	10,261,210	10,261,210	no change
Unemployed	718,995	721,685	0.37
Not in the labour force	5,325,505	5,322,815	–0.05

In such cases, in the 1981 Census, the answer to the official language question was considered erroneous. Consequently, during data processing, this answer was changed to show that the person could speak the official language(s) they had reported to the home language question.

In the 1986 Census, not all of these responses were considered erroneous. If the respondent indicated being able to speak only one official language - either English or French - and this language matched the person's mother tongue, no correction was made during processing. Consequently, these response patterns appear as such in the 1986 tabulations.

For further information on language data, contact the Housing, Family and Social Statistics Division, Statistics Canada, Ottawa, Canada K1A 0T6.

COMPARABILITY OF DATA ON ETHNIC ORIGIN

Comparison between 1981 and 1986. The 1981 and 1986 ethnic origin data are not directly comparable.

The 1981 ethnic origin question: To which ethnic or cultural group did you or your ancestors belong on first coming to this continent?, was modified for the 1986 Census. The phrase "on first coming to this continent" was removed from the 1986 version as it was viewed as being inappropriate for persons of aboriginal origin. The 1986 question was: To which ethnic or cultural group(s) do you or did your ancestors belong?

In 1986, respondents were instructed to mark or specify as many groups as apply. This instruction along with the addition of two more write-in spaces contributed significantly to an increase in multiple ethnic origin responses.

As well, the mark boxes in the question were ordered on the basis of 1981 incidence reporting of single ethnic origins. This changed the relative position of the mark boxes Chinese and Polish.

In light of the recommendations of a Parliamentary Commission on Visible Minorities in Canadian Society in the report Equality Now and the Abella Commission on Equality in Employment, the mark box Black was added to the 1986 ethnic origin question.

The mark boxes for aboriginal peoples were also changed. In 1986, status and non-status Indian categories which had been part of the 1981 ethnic origin question were replaced by North American Indian. It should be noted that persons of non-aboriginal cultural origin but status Indian under the Indian Act of Canada, for example, persons who obtained Indian status at marriage, could have been included in 1981 data for aboriginal peoples. These persons may not have identified their ethnic origin to be North American Indian in 1986 and thus would not be included in the 1986 count of aboriginal peoples. Also, in 1986, an undetermined number of persons of Métis origin could have indicated their ethnic origin as being the multiple response North American Indian and some other ethnic or cultural origin(s).

Single and Multiple Response

A Single Response occurs when the respondent provides only one origin. For example, for Canada, 709,585 gave Italian as their only ethnic origin.

A **Multiple Response** occurs when the respondent provides more than one origin. Some 297,325 Canadians gave a response which included Italian and one or more ethnic or cultural origin(s). For example, 31,495 provided the multiple response combination: Italian and French.

In the ethnic origin legend for this profile, the single origins are shown as unique groups. The multiple origins are shown as one group: multiple origins. In the case of the 31,495 Italian and French multiple response combination, it would be included in the multiple origins count (6,986,345 for Canada).

For further information regarding the data on ethnic origin, please contact the Housing, Family and Social Statistics Division, Statistics Canada, Ottawa, Ontario K1A 0T6, telephone (613) 951-2574.

HOUSEHOLD MAINTAINER

Users of data on household maintainers, such as sex of maintainer or mother tongue of maintainer, should be aware of certain limitations which can potentially have a large impact on the use and analysis of these data.

The household maintainer variable is a derived variable, a combination and manipulation of the responses that users have provided to the question on "person responsible for payments" and the question on "relationship to Person 1". The purpose of the household maintainer variable is to classify families within a household as primary (i.e. families of which the maintainer is a member) or secondary (i.e. families of which the maintainer is not a member). The variable is neither designed nor recommended for use as the equivalent of the previous "Household Head" variable for analytical purposes.

The variable itself was not treated, during processing, as a variable to be used in analysis. For example, if a respondent listed more than one name under the "person responsible for payments" question, only the first name inscribed was captured; the others were discarded. In addition, if a respondent indicated that no person in the household made shelter payments, the household was left without a primary family, but Person 1 was arbitrarily assigned to be the household maintainer. The basis for these processing decisions was the priority of categorizing families as primary or secondary, not providing a reference person for the household.

Users are cautioned, therefore, to refrain from making unjustified inferences based solely on direct comparisons of characteristics of household maintainers. For example, one should be careful when comparing female maintainers with male maintainers because an unknown number of each may have been entered as a second entry in the "person responsible for payments" question, and subsequently discarded. Similarly, a number of cases may have occurred in which a person outside the household has been replaced by "Person 1" in the derivation of the household maintainer, resulting in a person of a different sex ending up as the household maintainer.

Misinterpretation of results can also occur when using other maintainer characteristics, such as mother tongue or ethnic origin, to classify a household because these characteristics can be different for the other members of the household. It is suggested that analyses using these variables also take into account the characteristics of the maintainer's spouse.

STRUCTURAL TYPE

Users of structural type of dwelling data are cautioned about certain limitations of the data. Initial investigation of these data reveals the following limitations which may affect the quality of the data:

(1) In the 1986 Census, there was a higher rate of non-response to the structural type of dwelling question than in 1981 (2.3% compared with 0.5%). The impact of this higher non-response on overall data quality should be small, except in a limited number of geographic areas where non-responses may have been concentrated. It should also be noted that the information on structural type was reported by the Census Representative in 1986, whereas, in 1981, it was reported by the household respondent.

(2) Sharp declines between the 1981 and 1986 Censuses were found in every province for mobile homes and other movable dwellings. This is thought to be due to the misclassification of a number of mobile homes as other structural types, primarily single-detached dwellings. For larger geographic areas, this error is not expected to have a significant impact upon other dwelling categories because of the relatively small number of mobiles and movables.

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(3) Apartments in buildings of less than five storeys present some differences with 1981 Census counts, especially in Quebec and particularly in Montréal. Also, high over-counts in 1981 of duplexes, double houses and row houses resulted in sharp declines for these types in 1986 in certain provinces. An initial historical analysis indicated the 1986 counts were quite realistic.

INCOME DATA

The total income concept in the 1986 Census included, for the first time, federal child tax credits. As in 1981, the 1986 Census did not collect income information from institutional residents. Income statistics for families and households are for those in private households only.

Census income statistics are subject to sampling variability. Although such sampling variability may be quite small for large population groups, its effects cannot be ignored in the case of very small subgroups of population in an area or in a particular category. This is because, all other things being equal, the larger the sample size, the smaller is the error. For this reason, published income data for areas below the provincial level, where the non-institutional population was below 250, have been suppressed. However, where statistics are not suppressed but are still based on relatively small totals, the readers are strongly advised to exercise caution in the use and interpretation of these statistics.

Income Status

Income status refers to the position of economic families and unattached individuals in relation to Statistics Canada's low income cut-offs. These cut-offs are determined separately for families of different sizes and living in areas of different degrees of urbanization. For the 1986 Census, they are based on the revised (1978) cut-offs which were initially estimated from the 1978 National Family Expenditure Survey and then updated to 1985 by the changes in the Consumer Price Index since 1978. The 1985 matrix of low income cut-offs is shown in Table 1.

For the purposes of low income statistics, economic families and unattached individuals in the Yukon and the Northwest Territories and on the Indian reserves are excluded. The low income cut-offs were based on certain expenditure-income patterns which were not available from survey data for the entire population.

The census and the Survey of Consumer Finances differ slightly when applying the "Size of Area" classification to derive incidence of low income. Census takes into account the density of population to designate an enumeration area as urban and the total population of contiguous urban EAs determines the size of area. The survey takes complete CMAs or CAs and classifies these into size of area by total population within the CMA/CA boundaries. The overall impact of this difference is negligible.

For further details on conceptual and coverage aspects, see the 1986 Census publication Family Income, Economic Families, Catalogue No. 93-918. (See also, Income Distributions by Size in Canada, 1985, Catalogue No. 13-207.)

Table 1: Low Income Cut-offs of Family Units, 1985

Size of family unit	Size of area of residence				
	500,000 and over	100,000 – 499,999	30,000 – 99,999	Small urban regions	Rural areas
	1985 dollars				
1 person	10,233	9,719	9,117	8,429	7,568
2 persons	13,501	12,815	11,956	11,093	9,891
3 persons	18,061	17,115	15,996	14,880	13,244
4 persons	20,812	19,779	18,490	17,200	15,310
5 persons	24,252	22,963	21,415	19,952	17,803
6 persons	26,488	25,026	23,393	21,758	19,436
7 persons or more	29,155	27,606	25,801	23,994	21,415

Rounding and Adjustment of High Incomes and Losses

In planning this microdata file it was deemed essential to utilize procedures to guard against the possibility of associating a particular income with an identifiable individual, family or household. To accomplish this the income of individuals in households selected for this microdata file were subjected to a rounding and adjustment procedure as described below.

The individual incomes of the members of the households on this file were subjected to two separate operations. Initially, the amounts in wages, self-employment income (farm plus non-farm), investment income, retirement pensions, other money income and total income were rounded to the limits as specified in Table 2. This rounding procedure created certain inconsistencies between the sum of sources of income and total income. These inconsistencies were rectified by applying an adjustment procedure as specified in Table 3. After the individual records had been

rounded and adjusted, the income variables at the family and household level on this microdata file were derived, i.e. Employment Income, Government Transfer Payments, Investment Income, All Other Money Income and Total Income.

The number of records affected by this procedure and its impact on household income are summarized in the following tables.

Table 4 provides a distribution of individuals who had one or more sources of income and/or total income outside the limits imposed by confidentiality consideration.

Table 5 provides a summary of the changes, at the sample level, created by this rounding/adjustment procedure on the aggregate and average household income, by source.

Table 6 provides a distribution of the weighted aggregate household income in 1985, by province, from the main census data base and on the Public Use Microdata File.

Table 2: High and Low Income Limits

(1) The following income sources were subject to lower and upper limits for all individuals 15 years and over in the sample on the household microdata file:

    (a) Wages and salaries
    (b) Income from self-employment
    (c) Investment income
    (d) Retirement pensions
    (e) Other money income

(2) The limits were as follows:

	Lower limit	Upper limit
(a) Females in all areas and males in the Atlantic region	–$30,000	$100,000
(b) Males in all other areas	–$50,000	$140,000

(3) Amounts beyond the limits in (2) above were rounded to the limits.

(4) In cases where total income was beyond the limit, as a first step, it was rounded to the applicable limit.

(5) To ensure consistency between the sum of sources and total income, individual records were then subjected to the adjustement procedure described in Table 3.

Table 3: Adjustments Made to Remove Inconsistencies Introduced by Rounding

After rounding of applicable sources and/or total income as outlined in Table 2, individual sources and total income were subjected to the following adjustment routine in order to ensure consistency between the sum of sources and total income:

I Adjustment of Sources

(1) If $A > 0$ and $B > 0$ and $A < B$ then $Sf = (Si)(C/D)$

(2) If $A < 0$ and $B < 0$ and $A > B$ then $Sef = Se + A - B$

(3) No adjustment in all other cases

II Adjustment of Total Income

(1) Y = Sum of Sources (after adjustments in I above and including transfer payments)

(2) $Y = 1$ if sum of adjusted sources and transfer payments = 0

A	=	Total income after rounding
B	=	Sum of sources after rounding
C	=	A less transfer payments
D	=	B less transfer payments
Si	=	Rounded wages, self-employment, investment, retirement and other money income
Sf	=	Final wages, self-employment, investment, retirement and other money income on PUMF
Se	=	Rounded self-employment income
Sef	=	Final self-employment income on PUMF
Y	=	Final total income on PUMF

Household and family incomes were derived by summing the incomes of individuals in the household/family after the adjustments described above.

Table 4: Distribution (Unweighted Sample) of Individuals with Incomes Outside Positive or Negative Limits (1) in 1985, Household and Housing Public Use Microdata File, 1986 Census

Source outside limits	Sample count	%
One source	436	74.7
Wages and salaries	182	31.2
Self-employment income	181	31.0
Investment income	69	11.8
Retirement pensions	2	.3
Other money income	2	.3
Two sources	7	1.2
Wages and investment	5	.9
Self-employment and investment	2	.3
Total income only	140	24.0
Total (2)	584	100.0

(1) See Table 2 for limits.
(2) There were 584 individuals in 562 households with incomes outside the specified limits.

Table 5: Number of Households, Their Original and Changed Aggregate and Average Incomes in 1985, By Source, Household and Housing Public Use Microdata File, 1986 Census

Number, aggregate income and average income	Employment income	Investment income	Retirement pensions and other money income	Government transfer payments	Total income
1. Number of records	115,347	115,347	115,347	115,347	115,347
2. Aggregate income ($'000)					
a. Original, total	3,111,602	251,486	146,169	435,601	3,944,859
b. Changed (562 Households)	−27,662	−9,456	−2,204	0	−39,323
c. Final, total	3,083,941	242,030	143,965	435,601	3,905,537
d. Percentage change – (b/a)	−0.9	−3.8	−1.5	0.0	−1.0
3. Average per household					
a. Original, total	26,976	2,180	1,267	3,776	34,200
b. Changed (562 records)	−49,220	−16,826	−3,922	0	−70,428
c. Overall change	−240	−82	−19	0	−343
d. Final, total	26,736	2,098	1,248	3,776	33,859
e. Percentage change (d/a)	−0.9	−3.8	−1.5	0.0	−1.0

Table 6: Distribution (Amount and Percentage) of Aggregate Income of Household in 1985, By Province, 1986 Census and Estimates From the Households and Housing Public Use Microdata File From the 1986 Census

| Province | Dollars | | % | | Difference |
	Census[1]	PUMF	Census[1]	PUMF	PUMF/Census
	($000,000)		%		
Newfoundland	4,610.4	4,567.2	1.5	1.5	−0.9
Prince Edward Island	1,155.5	1,143.9	0.4	0.4	−1.0
Nova Scotia	9,068.3	8,857.1	2.9	2.9	−2.4
New Brunswick	6,657.6	6,672.3	2.2	2.2	0.2
Quebec	73,067.7	72,021.8	23.7	23.8	−1.5
Ontario	122,496.3	120,480.2	39.8	39.8	−1.7
Manitoba	11,952.8	11,560.0	3.9	3.8	−3.4
Saskatchewan	11,029.6	10,893.9	3.6	3.6	−1.2
Alberta	30,766.5	30,214.8	10.0	10.0	−1.8
British Columbia	36,414.8	35,703.4	11.8	11.8	−2.0
Yukon/Northwest Territories	845.3	833.6	0.3	0.3	−1.4
Canada	308,064.8	302,948.7	100.0	100.0	−1.7

[1] 1986 Census data base without random rounding.

Chapter 3 - Documentation

1986 Census Reference Publications

A variety of publications are available for users requiring more information and are grouped below according to the type of information they contain.

(i)   Concepts and Methodology

1986 Census Dictionary (Cat. No. 99-101E)

The Dictionary defines all major census variables and terms, including the geographic terms, and discusses historical comparability of census data.

1986 Census Handbook (Cat. No. 99-104E)

The Handbook provides an overview of the census. Topics covered include a history of the census, the steps involved in taking a census, and a description of each question asked on the census questionnaire.

(ii)   Geography

In addition to the 1986 Census Dictionary (99-101E), the user can consult: 1986 Census Geography: A Historical Comparison (Cat. No. 99-106E) and Census Metropolitan Areas and Census Agglomerations: A 1986-1981 Comparison (Cat. No. 99-105E).

These publications explain the geographic concepts used in the 1986 and previous censuses, and provide notes on historical comparability.

(iii)   Data Availability

1986 Census Products and Services - Final Edition (Cat. No. 99-103E).

This document provides a complete list of all publications, their content and price. Information regarding data available in machine-readable form is also indicated.

How to Order Microdata Files

Census Microdata Files are available from Electronic Data Dissemination Division (EDDD), formerly called CANSIM.

The 1986 Census files will be available at the following dates and prices:

File	Release date	Price
Individual	Last quarter of 1989	$4,000
Household and Housing	Second quarter of 1989	$2,000
Family	Last quarter of 1989	$2,000

To order, complete the attached form (pink page) and return to:

Electronic Data Dissemination Division
Census Unit
Statistics Canada
9th Floor, R.H. Coats Bldg.
Ottawa, Ontario
K1A 0T6

or contact the EDDD at (613) 951-8200.

Conditions for Use of the Files

The microdata files and related documentation shall at all times remain the sole and exclusive property of Statistics Canada. The user is required to sign a document whereby Statistics Canada will grant a licence for the use of the file. Except for back-up purposes, duplication of the files, either in total or in part, is not permitted.

Other Services

The EDDD, through the Census Summary Data Service, offers a set of tabulations that provides data from the 1961 to 1986 Censuses for standard geographic areas.

Census Custom Data Products Service

Statistics Canada has produced the Census Public Use Microdata Files to provide users with a powerful research tool. Users requiring tabulations to meet more exact requirements in terms of content, geographic level and medium can, however, obtain special tabulations. These data products are available from the Census Custom Data Products Service.

WHERE TO FIND US

Statistics Canada's regional reference centres provide a full range of the census products and services. Each reference centre is equipped with a library and a sales counter where users can consult or purchase census publications, microcomputer diskettes, microfiche, maps and more. Each centre has facilities to retrieve information from Statistics Canada's computerized data retrieval systems – CANSIM and TELICHART. A telephone inquiry service is also available with toll-free numbers for regional clients outside local calling areas. Many other services - from seminars to consultations - are offered. Call or write your regional reference centre for information.

NEWFOUNDLAND AND LABRADOR
Advisory Services
Statistics Canada
3rd Floor, Viking Building
Crosbie Road
St. John's, Newfoundland A1B 3P2
Local calls: 709-772-4073
Toll-free service: 1-800-563-4255

MARITIME PROVINCES
Advisory Services
Statistics Canada
North American Life Centre
1770 Market Street
Halifax, Nova Scotia B3J 3M3
Local calls: 902-426-5331
Toll-free service: 1-800-565-7192

QUEBEC
Advisory Services
Statistics Canada
Guy Favreau Complex
200 René Lévesque Blvd. W.
Suite 412, East Tower
Montréal, Quebec H2Z 1X4
Local calls: 514-283-5725
Toll-free service: 1-800-361-2831

NATIONAL CAPITAL REGION
Statistical Reference Centre (NCR)
Statistics Canada
Lobby, R.H. Coats Building
Tunney's Pasture
Ottawa, Ontario K1A 0T6
Local calls: 613-951-8116
If outside the local calling area, please dial the toll-free number for your province.

ONTARIO
Advisory Services
Statistics Canada
10th Floor, Arthur Meighen Building
25 St. Clair Avenue East
Toronto, Ontario M4T 1M4
Local calls: 416-973-6586
Toll-free service: 1-800-268-1151

NIPISSING REGION
Advisory Services
Statistics Canada
Civic Administration Centre
225 Holditch Street
Sturgeon Falls, Ontario P0H 2G0

Local calls: 705-753-3200
If outside the local calling area, please dial the toll-free number given above for Ontario residents.

MANITOBA
Advisory Services
Statistics Canada
6th Floor, General Post Office Building
266 Graham Avenue
Winnipeg, Manitoba R3C 0K4
Local calls: 204-983-4020
Toll-free service: 1-800-542-3404

SASKATCHEWAN
Advisory Services
Statistics Canada
9th Floor, Avord Tower
2002 Victoria Avenue
Regina, Saskatchewan S4P 0R7
Local calls: 306-780-5405
Toll-free service: 1-800-667-7164

ALBERTA AND NORTHWEST TERRITORIES
Advisory Services
Statistics Canada
8th Floor, Park Square
10001 Bellamy Hill
Edmonton, Alberta T5J 3B6
Local calls: 403-495-3027
Toll-free service: 1-800-282-3907
N.W.T. call collect: 403-495-3028

SOUTHERN ALBERTA (CALGARY)
Advisory Services
Statistics Canada
Box 2390, Station M
Room 245
220 Fourth Avenue South East
Calgary, Alberta T2P 3C1
Local calls: 403-292-6717
Toll-free service: 1-800-472-9708

BRITISH COLUMBIA AND YUKON
Advisory Services
Statistics Canada
3rd Floor, Federal Building
Sinclair Centre, Suite 440F
757 West Hastings Street
Vancouver, British Columbia V6C 3C9
Local calls: 604-666-3691
Toll-free service:
(except Atlin, B.C.) 1-800-663-1551
Yukon and Atlin, B.C.: Zenith 08913

1986 PUMF
HOUSEHOLD/HOUSING FILE

RECORD LAYOUT

Field	Size	Position	Type	Mnemonic	Title
				Identification and Geography (1 – 4)	
1	2	1 – 2	N	PROV	Province
2	1	3	N	URBRU	Urban/Rural Code
3	3	4 – 6	N	CMAPUST	Census Metropolitan Area (CMA) Code
4	3	7 – 9	N	WEIGHT	Household Weight
				Private Households (5 – 27)	
5	1	10	N	HHINDA	Indicator of Persons 0-4 Years of Age
6	1	11	N	HHINDB	Indicator of Persons 0-17 Years of Age
7	1	12	N	HHPERA	Number of Persons Under 5 Years of Age
8	1	13	N	HHPERB1	Number of Males 5 to 17 Years of Age
9	1	14	N	HHPERB2	Number of Females 5 to 17 Years of Age
10	1	15	N	HHPERD	Number of Persons 18 to 24 Years of Age
11	1	16	N	HHPERE	Number of Persons 25 to 59 Years of Age
12	1	17	N	HHPERF	Number of Persons 60 to 64 Years of Age
13	1	18	N	HHPERG	Number of Persons 65 to 74 Years of Age
14	1	19	N	HHPERH	Number of Persons 75 Years of Age and Over
15	1	20	N	HHSIZE	Household Size
16	1	21	N	HHCOMP	Household Composition
17	1	22	N	HHNONFAM	Number of Unattached Individuals
18	1	23	N	HHNUEF	Number of Economic Families
19	1	24	N	HHNULDG	Number of Lodgers
20	1	25	N	HHNUEMPI	Number of Employment Income Recipients
21	1	26	N	HHNUTOTI	Number of Income Recipients
22	1	27	N	HHMSINC	Major Source of Household Income
23	7	28 – 34	N	HHEMPINC	Total Household Employment Income
24	7	35 – 41	N	HHNETINV	Total Household Investment Income
25	7	42 – 48	N	HHGOVINC	Total Household Government Transfer Payments

1986 PUMF
HOUSEHOLD/HOUSING FILE

RECORD LAYOUT

Field	Size	Position	Type	Mnemonic	Title
26	7	49 – 55	N	HHOTINC	All Other Household Income
27	7	56 – 62	N	HHTOTINC	Total Household Income

Occupied Private Dwellings (28 – 36)

28	1	63	N	DTYPEH	Structural Type of Dwelling
29	1	64	N	BUILTH	Period of Construction
30	1	65	N	TENURH	Tenure
31	1	66	N	MORG	Presence of Mortgage
32	1	67	N	RCONDH	Tenure – Condominium
33	2	68 – 69	N	ROOM	Number of Rooms
34	1	70	N	HEATH	Main Type of Heating Equipment
35	1	71	N	FUELHH	Principal Heating Fuel
36	6	72 – 77	N	VALUEH	Value of Dwelling

Shelter Costs (37 – 40)

37	4	78 – 81	N	GROSRTH	Monthly Gross Rent
38	3	82 – 84	N	RENTH	Monthly Cash Rent
39	4	85 – 88	N	OMPH	Owner's Major Payments (Monthly)
40	4	89 – 92	N	MPPIT	Monthly Payments for Principal, Interest and Property Taxes

Household Maintainer (41 – 62)

41	2	93 – 94	N	HMAGE	Age
42	1	95	N	HMSEX	Sex
43	1	96	N	HMMARST	Marital Status
44	1	97	N	HMEFAMST	Household Maintainer's Economic Family Status

**1986 PUMF
HOUSEHOLD/HOUSING FILE**

RECORD LAYOUT

Field	Size	Position	Type	Mnemonic	Title
45	1	98	N	HMBIRTPL	Place of Birth
46	1	99	N	HMETHNIC	Ethnic Origin
47	1	100	N	HMIMMIG	Period of Immigration
48	1	101	N	HMMOTG	Mother Tongue
49	1	102	N	HMOFFLG	Official Language
50	1	103	N	HMMOB5	Mobility Status
51	1	104	N	HMHLOS	Highest Level of Schooling
52	2	105 - 106	N	HMOCC81	Occupation
53	1	107	N	HMLFACT	Labour Force Activity
54	1	108	N	HMCOW	Class of Worker
55	2	109 - 110	N	HMWKSWK	Weeks Worked in 1985
56	1	111	N	HMFPTWK	Work Activity in 1985
57	1	112	N	HMMSINC	Major Source of Income
58	7	113 - 119	N	HMEMPINC	Employment Income
59	7	120 - 126	N	HMNETINV	Investment Income
60	7	127 - 133	N	HMGOVINC	Government Transfer Payments
61	7	134 - 140	N	HMOTINC	Retirement Pensions and Other Money Income
62	7	141 - 147	N	HMTOTINC	Total Income

Maintainer's Spouse (63 - 82)

Field	Size	Position	Type	Mnemonic	Title
63	2	148 - 149	N	SPAGE	Age
64	1	150	N	SPSEX	Sex
65	1	151	N	SPBIRTPL	Place of Birth
66	1	152	N	SPETHNIC	Ethnic Origin
67	1	153	N	SPMOTG	Mother Tongue
68	1	154	N	SPOFFLG	Official Language
69	1	155	N	SPIMMIG	Period of Immigration
70	1	156	N	SPMOB5	Mobility Status

1986 PUMF
HOUSEHOLD/HOUSING FILE

RECORD LAYOUT

Field	Size	Position	Type	Mnemonic	Title
71	1	157	N	SPHLOS	Highest Level of Schooling
72	2	158 - 159	N	SPOCC81	Occupation
73	1	160	N	SPLFACT	Labour Force Activity
74	1	161	N	SPCOW	Class of Worker
75	2	162 - 163	N	SPWKSWK	Weeks Worked in 1985
76	1	164	N	SPFPTWK	Work Activity in 1985
77	1	165	N	SPMSINC	Major Source of Income
78	7	166 - 172	N	SPEMPINC	Employment Income
79	7	173 - 179	N	SPNETINV	Investment Income
80	7	180 - 186	N	SPGOVINC	Government Transfer Payments
81	7	187 - 193	N	SPOTINC	Retirement Pensions and Other Money Income
82	7	194 - 200	N	SPTOTINC	Total Income

Maintainer's Economic Family (83 - 99)

Field	Size	Position	Type	Mnemonic	Title
83	1	201	N	EFSIZE	Number of Persons in Economic Family
84	1	202	N	EFADULT	Number of Adults
85	1	203	N	EFPERSGH	Number of Persons 65 Years of Age and Over
86	1	204	N	EFPERSA	Number of Persons Under 6 Years of Age
87	1	205	N	EFPERSB	Number of Persons 6 to 15 Years of Age
88	1	206	N	EFPERSC	Number of Persons 16 to 17 Years of Age
89	1	207	N	EFPERSD	Number of Persons 18 to 24 Years of Age
90	1	208	N	EFCOMP	Economic Family Composition
91	1	209	N	EFNUEMPI	Number of Employment Income Recipients
92	1	210	N	EFNUTOTI	Number of Income Recipients
93	1	211	N	EFLOINC	Income Status of Maintainer's Economic Family and Incidence of Low Income
94	1	212	N	EFMSINC	Major Source of Family Income
95	7	213 - 219	N	EFEMPINC	Total Family Employment Income
96	7	220 - 226	N	EFNETINV	Family Investment Income

1986 PUMF
HOUSEHOLD/HOUSING FILE

RECORD LAYOUT

Field	Size	Position	Type	Mnemonic	Title
97	7	227 - 233	N	EFGOVINC	Total Family Government Transfer Payments
98	7	234 - 240	N	EFOTINC	All Other Family Income
99	7	241 - 247	N	EFTOTINC	Total Family Income

Tables of Approximated Sampling Variability

Notes or instructions enumerated below should be considered in any uses of tables of approximated sampling variability:

(1) Sampling variabilities (coefficients of variation) are in percents.

(2) To determine sampling variabilities for estimates of totals, locate the row closest to the estimated total. The left-most column gives the sampling variability.

(3) To determine sampling variabilities for estimates of percentages, use the row closest to the numerator of the percentage and the column closest to the percentage.

(4) Sampling variabilities in this table are crude indicators and in general are higher than those that would be obtained using more exact techniques. Under no circumstances are they official.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

CANADA

NUMERATOR OF PERCENTAGE	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%
200	72.9	72.5	72.2	71.1	69.2	67.2	65.2	63.1	61.0	58.8	56.5	51.5	39.9	23.1
400	51.5	51.3	51.0	50.2	48.9	47.5	46.1	44.6	43.1	41.6	39.9	36.5	28.2	16.3
600	42.1	41.9	41.7	41.0	39.9	38.8	37.6	36.5	35.2	33.9	32.6	29.8	23.1	13.3
800	36.4	36.3	36.1	35.5	34.6	33.6	32.6	31.6	30.5	29.4	28.2	25.8	20.0	11.5
1000	32.6	32.4	32.3	31.8	30.9	30.1	29.2	28.2	27.3	26.3	25.3	23.1	17.9	10.3
2000	23.0	22.9	22.8	22.5	21.9	21.3	20.6	20.0	19.3	18.6	17.9	16.3	12.6	7.3
3000	18.8	18.7	18.6	18.3	17.9	17.4	16.8	16.3	15.7	15.2	14.6	13.3	10.3	6.0
4000	16.3	16.2	16.1	15.9	15.5	15.0	14.6	14.1	13.6	13.1	12.6	11.5	8.9	5.2
5000	14.6	14.5	14.4	14.2	13.8	13.4	13.0	12.6	12.2	11.8	11.3	10.3	8.0	4.6
6000	13.3	13.2	13.2	13.0	12.6	12.3	11.9	11.5	11.1	10.7	10.3	9.4	7.3	4.2
7000	12.3	12.3	12.2	12.0	11.7	11.4	11.0	10.7	10.3	9.9	9.5	8.7	6.7	3.9
8000	11.5	11.5	11.4	11.2	10.9	10.6	10.3	10.0	9.6	9.3	8.9	8.2	6.3	3.6
9000	********	10.8	10.8	10.6	10.3	10.0	9.7	9.4	9.1	8.8	8.4	7.7	6.0	3.4
10000	********	10.3	10.2	10.0	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.3
11000	********	9.8	9.7	9.6	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.0	5.4	3.1
12000	********	9.4	9.3	9.2	8.9	8.7	8.4	8.2	7.9	7.6	7.3	6.7	5.2	3.0
13000	********	9.0	9.0	8.8	8.6	8.3	8.1	7.8	7.6	7.3	7.0	6.4	5.0	2.9
14000	********	8.7	8.6	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.7	6.2	4.8	2.8
15000	********	8.4	8.3	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.0	4.6	2.7
16000	********	8.1	8.1	7.9	7.7	7.5	7.3	7.1	6.8	6.6	6.3	5.8	4.5	2.6
17000	********	7.9	7.8	7.7	7.5	7.3	7.1	6.8	6.6	6.4	6.1	5.6	4.3	2.5
18000	********	7.6	7.6	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.4	4.2	2.4
19000	********	7.4	7.4	7.3	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
20000	********	7.3	7.2	7.1	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.2	4.0	2.3
21000	********	7.1	7.0	6.9	6.7	6.6	6.4	6.2	6.0	5.7	5.5	5.0	3.9	2.2
22000	********	6.9	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
23000	********	6.8	6.7	6.6	6.4	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.1
24000	********	6.6	6.6	6.5	6.3	6.1	6.0	5.8	5.6	5.4	5.2	4.7	3.6	2.1
25000	********	6.5	6.5	6.4	6.2	6.0	5.8	5.6	5.5	5.3	5.1	4.6	3.6	2.1
30000	********	5.9	5.9	5.8	5.6	5.5	5.3	5.2	5.0	4.8	4.6	4.2	3.3	1.9
35000	********	5.5	5.5	5.4	5.2	5.1	4.9	4.8	4.6	4.4	4.3	3.9	3.0	1.7
40000	********	5.1	5.1	5.0	4.9	4.8	4.6	4.5	4.3	4.2	4.0	3.6	2.8	1.6
45000	********	4.8	4.8	4.7	4.6	4.5	4.3	4.2	4.1	3.9	3.8	3.4	2.7	1.5
50000	********	4.6	4.6	4.5	4.4	4.3	4.1	4.0	3.9	3.7	3.6	3.3	2.5	1.5
55000	********	4.4	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.1	2.4	1.4
60000	********	4.2	4.2	4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.3	3.0	2.3	1.3
65000	********	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.1	2.9	2.2	1.3
70000	********	3.9	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.8	2.1	1.2
75000	********	3.7	3.7	3.7	3.6	3.5	3.4	3.3	3.1	3.0	2.9	2.7	2.1	1.2
80000	********	3.6	3.6	3.6	3.5	3.4	3.3	3.2	3.0	2.9	2.8	2.6	2.0	1.2
85000	********	3.5	3.5	3.4	3.4	3.3	3.2	3.1	3.0	2.9	2.7	2.5	1.9	1.1
90000	**************	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.4	1.9	1.1
95000	**************	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.4	1.8	1.1
100000	**************	3.2	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.3	1.8	1.0
125000	**************	2.9	2.8	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.1	1.6	0.9
150000	**************	2.6	2.6	2.5	2.5	2.4	2.3	2.2	2.1	2.1	1.9	1.5	0.8
200000	***********************	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.6	1.3	0.7
250000	***********************	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.5	1.1	0.7
300000	***********************	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.3	1.0	0.6
350000	***********************	1.7	1.7	1.6	1.6	1.5	1.5	1.4	1.3	1.2	1.0	0.6
400000	***********************	1.6	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.2	0.9	0.5

		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10
450000	++*+*+*+*+*************************	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1	0.8	0.5
500000	+++++*+*****************************	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.0	0.8	0.5
750000	++++++*+**********************	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.8	0.7	0.4
1000000	+++*+*+*****************************	1.0	0.9	0.9	0.9	0.8	0.8	0.7	0.6	·0.3
1500000	+++++*+**********************************	0.8	0.7	0.7	0.7	0.7	0.6	0.5	0.3
2000000	++*+++***	0.6	0.6	0.6	0.6	0.5	0.4	0.2
3000000	++*+*+**	0.5	0.5	0.4	0.3	0.2
4000000	++++++***	0.4	0.3	0.2
5000000	++++++**	0.3	0.1
6000000	++++++**	0.2	0.1
7000000	++*+**	0.1
8000000	**+**	0.1

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

HALIFAX

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	*****	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
400	*****	37.7	37.5	36.9	35.9	34.9	33.9	32.8	31.7	30.5	29.3	26.8	20.8	12.0
600	*****	30.8	30.6	30.1	29.3	28.5	27.7	26.8	25.9	24.9	24.0	21.9	16.9	9.8
800	*****	26.7	26.5	26.1	25.4	24.7	24.0	23.2	22.4	21.6	20.8	18.9	14.7	8.5
1000	*****	23.8	23.7	23.4	22.7	22.1	21.4	20.8	20.0	19.3	18.6	16.9	13.1	7.6
2000	*****	16.8	16.5	16.1	15.6	15.2	14.7	14.2	13.7	13.1		12.0	9.3	5.4
3000	*****	*****	*****	13.5	13.1	12.8	12.4	12.0	11.6	11.2	10.7	9.8	7.6	4.4
4000	*****	*****	*****	11.7	11.4	11.0	10.7	10.4	10.0	9.7	9.3	8.5	6.6	3.8
5000	*****	*****	*****	10.4	10.2	9.9	9.6	9.3	9.0	8.6	8.3	7.6	5.9	3.4
6000	*****	*****	*****	*****	9.3	9.0	8.7	8.5	8.2	7.9	7.6	6.9	5.4	3.1
7000	*****	*****	*****	*****	8.6	8.3	8.1	7.8	7.6	7.3	7.0	6.4	5.0	2.9
8000	*****	*****	*****	*****	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.0	4.6	2.7
9000	*****	*****	*****	*****	7.6	7.4	7.1	6.9	6.7	6.4	6.2	5.6	4.4	2.5
10000	*****	*****	*****	*****	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.4	4.2	2.4
11000	*****	*****	*****	*****	*****	6.7	6.5	6.3	6.0	5.8	5.6	5.1	4.0	2.3
12000	*****	*****	*****	*****	*****	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
13000	*****	*****	*****	*****	*****	6.1	5.9	5.8	5.6	5.4	5.1	4.7	3.6	2.1
14000	*****	*****	*****	*****	*****	5.9	5.7	5.5	5.4	5.2	5.0	4.5	3.5	2.0
15000	*****	*****	*****	*****	*****	5.7	5.5	5.4	5.2	5.0	4.8	4.4	3.4	2.0
16000	*****	*****	*****	*****	*****	*****	5.4	5.2	5.0	4.8	4.6	4.2	3.3	1.9
17000	*****	*****	*****	*****	*****	*****	5.2	5.0	4.9	4.7	4.5	4.1	3.2	1.8
18000	*****	*****	*****	*****	*****	*****	5.1	4.9	4.7	4.6	4.4	4.0	3.1	1.8
19000	*****	*****	*****	*****	*****	*****	4.9	4.8	4.6	4.4	4.3	3.9	3.0	1.7
20000	*****	*****	*****	*****	*****	*****	4.8	4.6	4.5	4.3	4.2	3.8	2.9	1.7
21000	*****	*****	*****	*****	*****	*****	*****	4.5	4.4	4.2	4.1	3.7	2.9	1.7
22000	*****	*****	*****	*****	*****	*****	*****	4.4	4.3	4.1	4.0	3.6	2.8	1.6
23000	*****	*****	*****	*****	*****	*****	*****	4.3	4.2	4.0	3.9	3.5	2.7	1.6
24000	*****	*****	*****	*****	*****	*****	*****	4.2	4.1	3.9	3.8	3.5	2.7	1.5
25000	*****	*****	*****	*****	*****	*****	*****	4.2	4.0	3.9	3.7	3.4	2.6	1.5
30000	*****	*****	*****	*****	*****	*****	*****	*****	3.7	3.5	3.4	3.1	2.4	1.4
35000	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.3	3.1	2.9	2.2	1.3
40000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.9	2.7	2.1	1.2
45000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.5	2.0	1.1
50000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.4	1.9	1.1
55000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.8	1.0
60000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.7	1.0
65000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.6	0.9
70000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.6	0.9
75000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.9
80000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.8
85000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.8
90000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

CHICOUTIMI-JONQUIERE

NUMERATOR OF PERCENTAGE — ESTIMATED PERCENTAGE

Numerator of 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%
200	*	37.2	37.0	36.5	35.5	34.5	33.5	32.4	31.3	30.2	29.0	26.5	20.5	11.8
400	*	26.3	26.2	25.8	25.1	24.4	23.7	22.9	22.1	21.3	20.5	18.7	14.5	8.4
600	*	*	21.4	21.1	20.5	19.9	19.3	18.7	18.1	17.4	16.7	15.3	11.8	6.8
800	*	*	18.5	18.2	17.7	17.2	16.7	16.2	15.7	15.1	14.5	13.2	10.2	5.9
1000	*	*	16.6	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0	11.8	9.2	5.3
2000	*	*	*	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5	3.7
3000	*	*	*	*	9.2	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3	3.1
4000	*	*	*	*	7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6
5000	*	*	*	*	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
6000	*	*	*	*	*	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.2
7000	*	*	*	*	*	5.8	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
8000	*	*	*	*	*	*	5.3	5.1	4.9	4.8	4.6	4.2	3.2	1.9
9000	*	*	*	*	*	*	5.0	4.8	4.7	4.5	4.3	3.9	3.1	1.8
10000	*	*	*	*	*	*	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
11000	*	*	*	*	*	*	*	4.4	4.2	4.1	3.9	3.6	2.8	1.6
12000	*	*	*	*	*	*	*	4.2	4.0	3.9	3.7	3.4	2.6	1.5
13000	*	*	*	*	*	*	*	*	3.9	3.7	3.6	3.3	2.5	1.5
14000	*	*	*	*	*	*	*	*	3.7	3.6	3.5	3.2	2.4	1.4
15000	*	*	*	*	*	*	*	*	3.6	3.5	3.3	3.1	2.4	1.4
16000	*	*	*	*	*	*	*	*	*	3.4	3.2	3.0	2.3	1.3
17000	*	*	*	*	*	*	*	*	*	3.3	3.1	2.9	2.2	1.3
18000	*	*	*	*	*	*	*	*	*	*	3.1	2.8	2.2	1.2
19000	*	*	*	*	*	*	*	*	*	*	3.0	2.7	2.1	1.2
20000	*	*	*	*	*	*	*	*	*	*	2.9	2.6	2.0	1.2
21000	*	*	*	*	*	*	*	*	*	*	*	2.6	2.0	1.2
22000	*	*	*	*	*	*	*	*	*	*	*	2.5	2.0	1.1
23000	*	*	*	*	*	*	*	*	*	*	*	2.5	1.9	1.1
24000	*	*	*	*	*	*	*	*	*	*	*	2.4	1.9	1.1
25000	*	*	*	*	*	*	*	*	*	*	*	2.4	1.8	1.1
30000	*	*	*	*	*	*	*	*	*	*	*	*	1.7	1.0
35000	*	*	*	*	*	*	*	*	*	*	*	*	1.5	0.9
40000	*	*	*	*	*	*	*	*	*	*	*	*	*	0.8
45000	*	*	*	*	*	*	*	*	*	*	*	*	*	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

MONTREAL

NUMERATOR OF PERCENTAGE	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%
200	83.6	83.2	82.8	81.5	79.4	77.1	74.8	72.5	70.0	67.5	64.8	59.2	45.8	26.5
400	59.1	58.9	58.6	57.7	56.1	54.5	52.9	51.2	49.5	47.7	45.8	41.8	32.4	18.7
600	48.3	48.1	47.8	47.1	45.8	44.5	43.2	41.8	40.4	38.9	37.4	34.2	26.5	15.3
800	41.8	41.6	41.4	40.8	39.7	38.6	37.4	36.2	35.0	33.7	32.4	29.6	22.9	13.2
1000	37.4	37.2	37.0	36.5	35.5	34.5	33.5	32.4	31.3	30.2	29.0	26.5	20.5	11.8
2000	********	26.3	26.2	25.8	25.1	24.4	23.7	22.9	22.1	21.3	20.5	18.7	14.5	8.4
3000	********	21.5	21.4	21.1	20.5	19.9	19.3	18.7	18.1	17.4	16.7	15.3	11.8	6.8
4000	********	18.6	18.5	18.2	17.7	17.2	16.7	16.2	15.7	15.1	14.5	13.2	10.2	5.9
5000	********	16.6	16.6	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0	11.8	9.2	5.3
6000	********	15.2	15.1	14.9	14.5	14.1	13.7	13.2	12.8	12.3	11.8	10.8	8.4	4.8
7000	********	14.1	14.0	13.8	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.0	7.7	4.5
8000	********	13.2	13.1	12.9	12.5	12.2	11.8	11.5	11.1	10.7	10.2	9.4	7.2	4.2
9000	********	12.4	12.3	12.2	11.8	11.5	11.2	10.8	10.4	10.1	9.7	8.8	6.8	3.9
10000	********	11.8	11.7	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5	3.7
11000	********	11.2	11.2	11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.7	8.0	6.2	3.6
12000	********	********	10.7	10.5	10.2	10.0	9.7	9.4	9.0	8.7	8.4	7.6	5.9	3.4
13000	********	********	10.3	10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.3	5.7	3.3
14000	********	********	9.9	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.7	7.1	5.5	3.2
15000	********	********	9.6	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3	3.1
16000	********	********	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.6	5.1	3.0
17000	********	********	9.0	8.8	8.6	8.4	8.1	7.9	7.6	7.3	7.0	6.4	5.0	2.9
18000	********	********	8.7	8.6	8.4	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8
19000	********	********	8.5	8.4	8.1	7.9	7.7	7.4	7.2	6.9	6.6	6.1	4.7	2.7
20000	********	********	8.3	8.2	7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6
21000	********	********	8.1	8.0	7.7	7.5	7.3	7.1	6.8	6.6	6.3	5.8	4.5	2.6
22000	********	********	7.9	7.8	7.6	7.4	7.1	6.9	6.7	6.4	6.2	5.6	4.4	2.5
23000	********	********	********	7.6	7.4	7.2	7.0	6.8	6.5	6.3	6.0	5.5	4.3	2.5
24000	********	********	********	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.4	4.2	2.4
25000	********	********	********	7.3	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
30000	********	********	********	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.2
35000	********	********	********	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
40000	********	********	********	5.8	5.6	5.5	5.3	5.1	4.9	4.8	4.6	4.2	3.2	1.9
45000	********	********	********	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3	3.9	3.1	1.8
50000	********	********	********	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
55000	********	********	********	4.9	4.8	4.7	4.5	4.4	4.2	4.1	3.9	3.6	2.8	1.6
60000	********	********	********	********	4.6	4.5	4.3	4.2	4.0	3.9	3.7	3.4	2.6	1.5
65000	********	********	********	********	4.4	4.3	4.2	4.0	3.9	3.7	3.6	3.3	2.5	1.5
70000	********	********	********	********	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.2	2.4	1.4
75000	********	********	********	********	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.1	2.4	1.4
80000	********	********	********	********	4.0	3.9	3.7	3.6	3.5	3.4	3.2	3.0	2.3	1.3
85000	********	********	********	********	3.9	3.7	3.6	3.5	3.4	3.3	3.1	2.9	2.2	1.3
90000	********	********	********	********	3.7	3.6	3.5	3.4	3.3	3.2	3.1	2.8	2.2	1.2
95000	********	********	********	********	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.7	2.1	1.2
100000	********	********	********	********	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.6	2.0	1.2
125000	********	********	********	********	********	3.1	3.0	2.9	2.8	2.7	2.6	2.4	1.8	1.1
150000	********	********	********	********	********	2.8	2.7	2.6	2.6	2.5	2.4	2.2	1.7	1.0
200000	********	********	********	********	********	********	2.4	2.3	2.2	2.1	2.0	1.9	1.4	0.8
250000	********	********	********	********	********	********	********	2.0	2.0	1.9	1.8	1.7	1.3	0.7
300000	********	********	********	********	********	********	********	********	1.8	1.7	1.7	1.5	1.2	0.7
350000	********	********	********	********	********	********	********	********	********	1.6	1.5	1.4	1.1	0.6
400000	********	********	********	********	********	********	********	********	********	********	1.4	1.3	1.0	0.6

450000	***	1.2	1.0	0.6
500000	***	1.2	0.9	0.5
750000	***		0.7	0.4
1000000	**			0.4

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

QUEBEC CITY

NUMERATOR OF PERCENTAGE	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%
200	78.0	77.7	77.3	76.1	74.0	72.0	69.8	67.6	65.3	62.9	60.5	55.2	42.7	24.7
400	****	54.9	54.6	53.8	52.4	50.9	49.4	47.8	46.2	44.5	42.7	39.0	30.2	17.5
600	****	44.8	44.6	43.9	42.7	41.5	40.3	39.0	37.7	36.3	34.9	31.9	24.7	14.2
800	****	38.8	38.6	38.0	37.0	36.0	34.9	33.8	32.6	31.5	30.2	27.6	21.4	12.3
1000	****	34.7	34.6	34.0	33.1	32.2	31.2	30.2	29.2	28.1	27.0	24.7	19.1	11.0
2000	****	24.6	24.4	24.1	23.4	22.8	22.1	21.4	20.6	19.9	19.1	17.5	13.5	7.8
3000	****	****	19.9	19.6	19.1	18.6	18.0	17.5	16.9	16.2	15.6	14.2	11.0	6.4
4000	****	****	17.3	17.0	16.6	16.1	15.6	15.1	14.6	14.1	13.5	12.3	9.6	5.5
5000	****	****	****	15.2	14.8	14.4	14.0	13.5	13.1	12.6	12.1	11.0	8.5	4.9
6000	****	****	****	13.9	13.5	13.1	12.7	12.3	11.9	11.5	11.0	10.1	7.8	4.5
7000	****	****	****	12.9	12.5	12.2	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2
8000	****	****	****	12.0	11.7	11.4	11.0	10.7	10.3	9.9	9.6	8.7	6.8	3.9
9000	****	****	****	11.3	11.0	10.7	10.4	10.1	9.7	9.4	9.0	8.2	6.4	3.7
10000	****	****	****	10.8	10.5	10.2	9.9	9.6	9.2	8.9	8.5	7.8	6.0	3.5
11000	****	****	****	****	10.0	9.7	9.4	9.1	8.8	8.5	8.2	7.4	5.8	3.3
12000	****	****	****	****	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
13000	****	****	****	****	9.2	8.9	8.7	8.4	8.1	7.8	7.5	6.8	5.3	3.1
14000	****	****	****	****	8.8	8.6	8.3	8.1	7.8	7.5	7.2	6.6	5.1	2.9
15000	****	****	****	****	8.5	8.3	8.1	7.8	7.5	7.3	7.0	6.4	4.9	2.8
16000	****	****	****	****	8.3	8.0	7.8	7.6	7.3	7.0	6.8	6.2	4.8	2.8
17000	****	****	****	****	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.0	4.6	2.7
18000	****	****	****	****	7.8	7.6	7.4	7.1	6.9	6.6	6.4	5.8	4.5	2.6
19000	****	****	****	****	7.6	7.4	7.2	6.9	6.7	6.5	6.2	5.7	4.4	2.5
20000	****	****	****	****	7.4	7.2	7.0	6.8	6.5	6.3	6.0	5.5	4.3	2.5
21000	****	****	****	****	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.4	4.2	2.4
22000	****	****	****	****	****	6.9	6.7	6.4	6.2	6.0	5.8	5.3	4.1	2.4
23000	****	****	****	****	****	6.7	6.5	6.3	6.1	5.9	5.6	5.1	4.0	2.3
24000	****	****	****	****	****	6.6	6.4	6.2	6.0	5.7	5.5	5.0	3.9	2.3
25000	****	****	****	****	****	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
30000	****	****	****	****	****	5.9	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
35000	****	****	****	****	****	****	5.3	5.1	4.9	4.8	4.6	4.2	3.2	1.9
40000	****	****	****	****	****	****	4.9	4.8	4.6	4.4	4.3	3.9	3.0	1.7
45000	****	****	****	****	****	****	****	4.5	4.4	4.2	4.0	3.7	2.8	1.6
50000	****	****	****	****	****	****	****	4.3	4.1	4.0	3.8	3.5	2.7	1.6
55000	****	****	****	****	****	****	****	****	3.9	3.8	3.6	3.3	2.6	1.5
60000	****	****	****	****	****	****	****	****	3.8	3.6	3.5	3.2	2.5	1.4
65000	****	****	****	****	****	****	****	****	3.6	3.5	3.4	3.1	2.4	1.4
70000	****	****	****	****	****	****	****	****	****	3.4	3.2	2.9	2.3	1.3
75000	****	****	****	****	****	****	****	****	****	3.2	3.1	2.8	2.2	1.3
80000	****	****	****	****	****	****	****	****	****	****	3.0	2.8	2.1	1.2
85000	****	****	****	****	****	****	****	****	****	****	2.9	2.7	2.1	1.2
90000	****	****	****	****	****	****	****	****	****	****	****	2.6	2.0	1.2
95000	****	****	****	****	****	****	****	****	****	****	****	2.5	2.0	1.1
100000	****	****	****	****	****	****	****	****	****	****	****	2.5	1.9	1.1
125000	****	****	****	****	****	****	****	****	****	****	****	****	1.7	1.0
150000	****	****	****	****	****	****	****	****	****	****	****	****	1.6	0.9

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

TROIS-RIVIERES+SHERBROOKE

NUMERATOR OF PERCENTAGE — ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200		51.3	51.1	50.3	48.9	47.6	46.1	44.7	43.2	41.6	40.0	36.5	28.2	16.3
400		36.3	36.1	35.5	34.6	33.6	32.6	31.6	30.5	29.4	28.2	25.8	20.0	11.5
600		29.6	29.5	29.0	28.2	27.5	26.6	25.8	24.9	24.0	23.1	21.1	16.3	9.4
800		25.7	25.5	25.1	24.5	23.8	23.1	22.3	21.6	20.8	20.0	18.2	14.1	8.2
1000			22.8	22.5	21.9	21.3	20.6	20.0	19.3	18.6	17.9	16.3	12.6	7.3
2000				15.9	15.5	15.0	14.6	14.1	13.6	13.1	12.6	11.5	8.9	5.2
3000				13.0	12.6	12.3	11.9	11.5	11.1	10.7	10.3	9.4	7.3	4.2
4000				11.2	10.9	10.6	10.3	10.0	9.6	9.3	8.9	8.2	6.3	3.6
5000					9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.3
6000					8.9	8.7	8.4	8.2	7.9	7.6	7.3	6.7	5.2	3.0
7000					8.3	8.0	7.8	7.5	7.3	7.0	6.8	6.2	4.8	2.8
8000					7.7	7.5	7.3	7.1	6.8	6.6	6.3	5.8	4.5	2.6
9000					7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.4	4.2	2.4
10000						6.7	6.5	6.3	6.1	5.9	5.6	5.2	4.0	2.3
11000						6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
12000						6.1	6.0	5.8	5.6	5.4	5.2	4.7	3.6	2.1
13000						5.9	5.7	5.5	5.4	5.2	5.0	4.5	3.5	2.0
14000						5.7	5.5	5.3	5.2	5.0	4.8	4.4	3.4	1.9
15000							5.3	5.2	5.0	4.8	4.6	4.2	3.3	1.9
16000							5.2	5.0	4.8	4.6	4.5	4.1	3.2	1.8
17000							5.0	4.8	4.7	4.5	4.3	4.0	3.1	1.8
18000							4.9	4.7	4.5	4.4	4.2	3.8	3.0	1.7
19000							4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
20000								4.5	4.3	4.2	4.0	3.6	2.8	1.6
21000								4.4	4.2	4.1	3.9	3.6	2.8	1.6
22000								4.3	4.1	4.0	3.8	3.5	2.7	1.6
23000								4.2	4.0	3.9	3.7	3.4	2.6	1.5
24000									3.9	3.8	3.6	3.3	2.6	1.5
25000									3.9	3.7	3.6	3.3	2.5	1.5
30000										3.4	3.3	3.0	2.3	1.3
35000											3.0	2.8	2.1	1.2
40000												2.6	2.0	1.2
45000												2.4	1.9	1.1
50000													1.8	1.0
55000													1.7	1.0
60000													1.6	0.9
65000													1.6	0.9
70000														0.9
75000														0.8
80000														0.8
85000														0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

HULL-OTTAWA

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	73.5	73.2	72.8	71.7	69.8	67.8	65.8	63.7	61.5	59.3	57.0	52.0	40.3	23.3
400	********	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
600	********	42.2	42.0	41.4	40.3	39.1	38.0	36.8	35.5	34.2	32.9	30.0	23.3	13.4
800	********	36.6	36.4	35.8	34.9	33.9	32.9	31.8	30.8	29.6	28.5	26.0	20.1	11.6
1000	********	32.7	32.6	32.1	31.2	30.3	29.4	28.5	27.5	26.5	25.5	23.3	18.0	10.4
2000	********	23.1	23.0	22.7	22.1	21.4	20.8	20.1	19.5	18.7	18.0	16.4	12.7	7.4
3000	********	18.9	18.8	18.5	18.0	17.5	17.0	16.4	15.9	15.3	14.7	13.4	10.4	6.0
4000	********	********	16.3	16.0	15.6	15.2	14.7	14.2	13.8	13.3	12.7	11.6	9.0	5.2
5000	********	********	14.6	14.3	14.0	13.6	13.2	12.7	12.3	11.9	11.4	10.4	8.1	4.7
6000	********	********	13.3	13.1	12.7	12.4	12.0	11.6	11.2	10.8	10.4	9.5	7.4	4.2
7000	********	********	********	12.1	11.8	11.5	11.1	10.8	10.4	10.0	9.6	8.8	6.8	3.9
8000	********	********	********	11.3	11.0	10.7	10.4	10.1	9.7	9.4	9.0	8.2	6.4	3.7
9000	********	********	********	10.7	10.4	10.1	9.8	9.5	9.2	8.8	8.5	7.8	6.0	3.5
10000	********	********	********	10.1	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.4	5.7	3.3
11000	********	********	********	9.7	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.0	5.4	3.1
12000	********	********	********	9.3	9.0	8.8	8.5	8.2	7.9	7.7	7.4	6.7	5.2	3.0
13000	********	********	********	8.9	8.7	8.4	8.2	7.9	7.6	7.4	7.1	6.4	5.0	2.9
14000	********	********	********	8.6	8.3	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8
15000	********	********	********	8.3	8.1	7.8	7.6	7.4	7.1	6.8	6.6	6.0	4.7	2.7
16000	********	********	********	********	7.8	7.6	7.4	7.1	6.9	6.6	6.4	5.8	4.5	2.6
17000	********	********	********	********	7.6	7.4	7.1	6.9	6.7	6.4	6.2	5.6	4.4	2.5
18000	********	********	********	********	7.4	7.1	6.9	6.7	6.5	6.2	6.0	5.5	4.2	2.5
19000	********	********	********	********	7.2	7.0	6.7	6.5	6.3	6.1	5.8	5.3	4.1	2.4
20000	********	********	********	********	7.0	6.8	6.6	6.4	6.2	5.9	5.7	5.2	4.0	2.3
21000	********	********	********	********	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.1	3.9	2.3
22000	********	********	********	********	6.7	6.5	6.3	6.1	5.9	5.7	5.4	5.0	3.8	2.2
23000	********	********	********	********	6.5	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.8	2.2
24000	********	********	********	********	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.7	3.7	2.1
25000	********	********	********	********	6.2	6.1	5.9	5.7	5.5	5.3	5.1	4.7	3.6	2.1
30000	********	********	********	********	5.7	5.5	5.4	5.2	5.0	4.8	4.7	4.2	3.3	1.9
35000	********	********	********	********	5.1	5.0	4.8	4.7	4.5	4.3	3.9	3.0	1.8	
40000	********	********	********	********	********	4.8	4.7	4.5	4.3	4.2	4.0	3.7	2.8	1.6
45000	********	********	********	********	********	4.5	4.4	4.2	4.1	4.0	3.8	3.5	2.7	1.6
50000	********	********	********	********	********	********	4.2	4.0	3.9	3.7	3.6	3.3	2.5	1.5
55000	********	********	********	********	********	********	4.0	3.8	3.7	3.6	3.4	3.1	2.4	1.4
60000	********	********	********	********	********	********	3.8	3.7	3.6	3.4	3.3	3.0	2.3	1.3
65000	********	********	********	********	********	********	********	3.5	3.4	3.3	3.2	2.9	2.2	1.3
70000	********	********	********	********	********	********	********	3.4	3.3	3.2	3.0	2.8	2.2	1.2
75000	********	********	********	********	********	********	********	3.3	3.2	3.1	2.9	2.7	2.1	1.2
80000	********	********	********	********	********	********	********	********	3.1	3.0	2.8	2.6	2.0	1.2
85000	********	********	********	********	********	********	********	********	3.0	2.9	2.8	2.5	2.0	1.1
90000	********	********	********	********	********	********	********	********	2.9	2.8	2.7	2.5	1.9	1.1
95000	********	********	********	********	********	********	********	********	********	2.7	2.6	2.4	1.8	1.1
100000	********	********	********	********	********	********	********	********	********	2.7	2.5	2.3	1.8	1.0
125000	********	********	********	********	********	********	********	********	********	********	********	2.1	1.6	0.9
150000	********	********	********	********	********	********	********	********	********	********	********	1.9	1.5	0.8
200000	********	********	********	********	********	********	********	********	********	********	********	********	1.3	0.7
250000	********	********	********	********	********	********	********	********	********	********	********	********	********	0.7

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

HAMILTON

NUMERATOR OF PERCENTAGE	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%
200	74.8	74.5	74.1	72.9	71.0	69.0	66.9	64.8	62.6	60.3	58.0	52.9	41.0	23.7
400	*****	52.7	52.4	51.6	50.2	48.8	47.3	45.8	44.3	42.7	41.0	37.4	29.0	16.7
600	*****	43.0	42.8	42.1	41.0	39.8	38.6	37.4	36.2	34.8	33.5	30.6	23.7	13.7
800	*****	37.2	37.0	36.5	35.5	34.5	33.5	32.4	31.3	30.2	29.0	26.5	20.5	11.8
1000	*****	33.3	33.1	32.6	31.8	30.9	29.9	29.0	28.0	27.0	25.9	23.7	18.3	10.6
2000	*****	23.5	23.4	23.1	22.5	21.8	21.2	20.5	19.8	19.1	18.3	16.7	13.0	7.5
3000	*****	*****	19.1	18.8	18.3	17.8	17.3	16.7	16.2	15.6	15.0	13.7	10.6	6.1
4000	*****	*****	16.6	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0	11.8	9.2	5.3
5000	*****	*****	*****	14.6	14.2	13.8	13.4	13.0	12.5	12.1	11.6	10.6	8.2	4.7
6000	*****	*****	*****	13.3	13.0	12.6	12.2	11.8	11.4	11.0	10.6	9.7	7.5	4.3
7000	*****	*****	*****	12.3	12.0	11.7	11.3	11.0	10.6	10.2	9.8	8.9	6.9	4.0
8000	*****	*****	*****	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5	3.7
9000	*****	*****	*****	10.9	10.6	10.3	10.0	9.7	9.3	9.0	8.6	7.9	6.1	3.5
10000	*****	*****	*****	10.3	10.0	9.8	9.5	9.2	8.9	8.5	8.2	7.5	5.8	3.3
11000	*****	*****	*****	*****	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
12000	*****	*****	*****	*****	9.2	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3	3.1
13000	*****	*****	*****	*****	8.8	8.6	8.3	8.0	7.8	7.5	7.2	6.6	5.1	2.9
14000	*****	*****	*****	*****	8.5	8.2	8.0	7.7	7.5	7.2	6.9	6.3	4.9	2.8
15000	*****	*****	*****	*****	8.2	8.0	7.7	7.5	7.2	7.0	6.7	6.1	4.7	2.7
16000	*****	*****	*****	*****	7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6
17000	*****	*****	*****	*****	7.7	7.5	7.3	7.0	6.8	6.5	6.3	5.7	4.4	2.6
18000	*****	*****	*****	*****	7.5	7.3	7.1	6.8	6.6	6.4	6.1	5.6	4.3	2.5
19000	*****	*****	*****	*****	7.3	7.1	6.9	6.6	6.4	6.2	5.9	5.4	4.2	2.4
20000	*****	*****	*****	*****	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
21000	*****	*****	*****	*****	*****	6.7	6.5	6.3	6.1	5.9	5.7	5.2	4.0	2.3
22000	*****	*****	*****	*****	*****	6.6	6.4	6.2	6.0	5.8	5.5	5.0	3.9	2.3
23000	*****	*****	*****	*****	*****	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
24000	*****	*****	*****	*****	*****	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.2
25000	*****	*****	*****	*****	*****	6.2	6.0	5.8	5.6	5.4	5.2	4.7	3.7	2.1
30000	*****	*****	*****	*****	*****	5.6	5.5	5.3	5.1	4.9	4.7	4.3	3.3	1.9
35000	*****	*****	*****	*****	*****	*****	5.1	4.9	4.7	4.6	4.4	4.0	3.1	1.8
40000	*****	*****	*****	*****	*****	*****	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
45000	*****	*****	*****	*****	*****	*****	*****	4.3	4.2	4.0	3.9	3.5	2.7	1.6
50000	*****	*****	*****	*****	*****	*****	*****	4.1	4.0	3.8	3.7	3.3	2.6	1.5
55000	*****	*****	*****	*****	*****	*****	*****	*****	3.8	3.6	3.5	3.2	2.5	1.4
60000	*****	*****	*****	*****	*****	*****	*****	*****	3.6	3.5	3.3	3.1	2.4	1.4
65000	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.3	3.2	2.9	2.3	1.3
70000	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.2	3.1	2.8	2.2	1.3
75000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.0	2.7	2.1	1.2
80000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.9	2.6	2.0	1.2
85000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.6	2.0	1.1
90000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.5	1.9	1.1
95000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.4	1.9	1.1
100000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.4	1.8	1.1
125000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.6	0.9
150000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.9

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

KITCHENER

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	*****	55.2	54.9	54.1	52.6	51.2	49.6	48.1	46.4	44.7	43.0	39.2	30.4	17.5
400	*****	39.0	38.8	38.2	37.2	36.2	35.1	34.0	32.8	31.6	30.4	27.7	21.5	12.4
600	*****	31.9	31.7	31.2	30.4	29.5	28.7	27.7	26.8	25.8	24.8	22.7	17.5	10.1
800	*****	27.6	27.5	27.0	26.3	25.6	24.8	24.0	23.2	22.4	21.5	19.6	15.2	8.8
1000	*****	24.7	24.6	24.2	23.5	22.9	22.2	21.5	20.8	20.0	19.2	17.5	13.6	7.8
2000	*****	*****	17.4	17.1	16.6	16.2	15.7	15.2	14.7	14.1	13.6	12.4	9.6	5.5
3000	*****	*****	*****	14.0	13.6	13.2	12.8	12.4	12.0	11.6	11.1	10.1	7.8	4.5
4000	*****	*****	*****	12.1	11.8	11.4	11.1	10.7	10.4	10.0	9.6	8.8	6.8	3.9
5000	*****	*****	*****	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.6	7.8	6.1	3.5
6000	*****	*****	*****	*****	9.6	9.3	9.1	8.8	8.5	8.2	7.8	7.2	5.5	3.2
7000	*****	*****	*****	*****	8.9	8.6	8.4	8.1	7.8	7.6	7.3	6.6	5.1	3.0
8000	*****	*****	*****	*****	8.3	8.1	7.8	7.6	7.3	7.1	6.8	6.2	4.8	2.8
9000	*****	*****	*****	*****	7.8	7.6	7.4	7.2	6.9	6.7	6.4	5.8	4.5	2.6
10000	*****	*****	*****	*****	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.5	4.3	2.5
11000	*****	*****	*****	*****	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
12000	*****	*****	*****	*****	*****	6.6	6.4	6.2	6.0	5.8	5.5	5.1	3.9	2.3
13000	*****	*****	*****	*****	*****	6.3	6.2	6.0	5.8	5.5	5.3	4.9	3.8	2.2
14000	*****	*****	*****	*****	*****	6.1	5.9	5.7	5.5	5.3	5.1	4.7	3.6	2.1
15000	*****	*****	*****	*****	*****	5.9	5.7	5.5	5.4	5.2	5.0	4.5	3.5	2.0
16000	*****	*****	*****	*****	*****	5.7	5.5	5.4	5.2	5.0	4.8	4.4	3.4	2.0
17000	*****	*****	*****	*****	*****	*****	5.4	5.2	5.0	4.9	4.7	4.3	3.3	1.9
18000	*****	*****	*****	*****	*****	*****	5.2	5.1	4.9	4.7	4.5	4.1	3.2	1.8
19000	*****	*****	*****	*****	*****	*****	5.1	4.9	4.8	4.6	4.4	4.0	3.1	1.8
20000	*****	*****	*****	*****	*****	*****	5.0	4.8	4.6	4.5	4.3	3.9	3.0	1.8
21000	*****	*****	*****	*****	*****	*****	4.8	4.7	4.5	4.4	4.2	3.8	3.0	1.7
22000	*****	*****	*****	*****	*****	*****	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
23000	*****	*****	*****	*****	*****	*****	*****	4.5	4.3	4.2	4.0	3.7	2.8	1.6
24000	*****	*****	*****	*****	*****	*****	*****	4.4	4.2	4.1	3.9	3.6	2.8	1.6
25000	*****	*****	*****	*****	*****	*****	*****	4.3	4.2	4.0	3.8	3.5	2.7	1.6
30000	*****	*****	*****	*****	*****	*****	*****	*****	3.8	3.7	3.5	3.2	2.5	1.4
35000	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.4	3.2	3.0	2.3	1.3
40000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.0	2.8	2.1	1.2
45000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.6	2.0	1.2
50000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.5	1.9	1.1
55000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.4	1.8	1.1
60000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.8	1.0
65000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.7	1.0
70000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.6	0.9
75000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.6	0.9
80000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.9
85000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.9
90000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.8
95000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

LONDON

NUMERATOR OF PERCENTAGE

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	*	59.5	59.2	58.2	56.7	55.1	53.4	51.7	50.0	48.2	46.3	42.3	32.7	18.9
400	*	42.0	41.8	41.2	40.1	39.0	37.8	36.6	35.4	34.1	32.7	29.9	23.1	13.4
600	*	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
800	*	29.7	29.6	29.1	28.3	27.5	26.7	25.9	25.0	24.1	23.1	21.1	16.4	9.4
1000	*	26.6	26.5	26.0	25.4	24.6	23.9	23.1	22.4	21.5	20.7	18.9	14.6	8.5
2000	*	*	18.7	18.4	17.9	17.4	16.9	16.4	15.8	15.2	14.6	13.4	10.3	6.0
3000	*	*	*	15.0	14.6	14.2	13.8	13.4	12.9	12.4	12.0	10.9	8.5	4.9
4000	*	*	*	13.0	12.7	12.3	12.0	11.6	11.2	10.8	10.3	9.4	7.3	4.2
5000	*	*	*	11.6	11.3	11.0	10.7	10.3	10.0	9.6	9.3	8.5	6.5	3.8
6000	*	*	*	10.6	10.3	10.1	9.8	9.4	9.1	8.8	8.5	7.7	6.0	3.4
7000	*	*	*	*	9.6	9.3	9.0	8.7	8.5	8.1	7.8	7.1	5.5	3.2
8000	*	*	*	*	9.0	8.7	8.5	8.2	7.9	7.6	7.3	6.7	5.2	3.0
9000	*	*	*	*	8.5	8.2	8.0	7.7	7.5	7.2	6.9	6.3	4.9	2.8
10000	*	*	*	*	8.0	7.8	7.6	7.3	7.1	6.8	6.5	6.0	4.6	2.7
11000	*	*	*	*	7.6	7.4	7.2	7.0	6.7	6.5	6.2	5.7	4.4	2.5
12000	*	*	*	*	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.5	4.2	2.4
13000	*	*	*	*	*	6.8	6.6	6.4	6.2	6.0	5.7	5.2	4.1	2.3
14000	*	*	*	*	*	6.6	6.4	6.2	6.0	5.8	5.5	5.1	3.9	2.3
15000	*	*	*	*	*	6.4	6.2	6.0	5.8	5.6	5.3	4.9	3.8	2.2
16000	*	*	*	*	*	6.2	6.0	5.8	5.6	5.4	5.2	4.7	3.7	2.1
17000	*	*	*	*	*	6.0	5.8	5.6	5.4	5.2	5.0	4.6	3.5	2.0
18000	*	*	*	*	*	5.8	5.6	5.5	5.3	5.1	4.9	4.5	3.4	2.0
19000	*	*	*	*	*	5.7	5.5	5.3	5.1	4.9	4.7	4.3	3.4	1.9
20000	*	*	*	*	*	*	5.3	5.2	5.0	4.8	4.6	4.2	3.3	1.9
21000	*	*	*	*	*	*	5.2	5.1	4.9	4.7	4.5	4.1	3.2	1.8
22000	*	*	*	*	*	*	5.1	4.9	4.8	4.6	4.4	4.0	3.1	1.8
23000	*	*	*	*	*	*	5.0	4.8	4.7	4.5	4.3	3.9	3.1	1.8
24000	*	*	*	*	*	*	4.9	4.7	4.6	4.4	4.2	3.9	3.0	1.7
25000	*	*	*	*	*	*	4.8	4.6	4.5	4.3	4.1	3.8	2.9	1.7
30000	*	*	*	*	*	*	*	4.2	4.1	3.9	3.8	3.4	2.7	1.5
35000	*	*	*	*	*	*	*	*	3.8	3.6	3.5	3.2	2.5	1.4
40000	*	*	*	*	*	*	*	*	*	3.4	3.3	3.0	2.3	1.3
45000	*	*	*	*	*	*	*	*	*	3.2	3.1	2.8	2.2	1.3
50000	*	*	*	*	*	*	*	*	*	*	2.9	2.7	2.1	1.2
55000	*	*	*	*	*	*	*	*	*	*	*	2.5	2.0	1.1
60000	*	*	*	*	*	*	*	*	*	*	*	2.4	1.9	1.1
65000	*	*	*	*	*	*	*	*	*	*	*	*	1.8	1.0
70000	*	*	*	*	*	*	*	*	*	*	*	*	1.7	1.0
75000	*	*	*	*	*	*	*	*	*	*	*	*	1.7	1.0
80000	*	*	*	*	*	*	*	*	*	*	*	*	1.6	0.9
85000	*	*	*	*	*	*	*	*	*	*	*	*	1.6	0.9
90000	*	*	*	*	*	*	*	*	*	*	*	*	1.5	0.9
95000	*	*	*	*	*	*	*	*	*	*	*	*	*	0.9
100000	*	*	*	*	*	*	*	*	*	*	*	*	*	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

OSHAWA

NUMERATOR OF PERCENTAGE	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%
200	********	43.3	43.0	42.4	41.2	40.1	38.9	37.6	36.4	35.0	33.7	30.7	23.8	13.7
400	********	30.6	30.4	30.0	29.2	28.3	27.5	26.6	25.7	24.8	23.8	21.7	16.8	9.7
600	********	25.0	24.8	24.5	23.8	23.1	22.4	21.7	21.0	20.2	19.4	17.7	13.7	7.9
800	**************		21.5	21.2	20.6	20.0	19.4	18.8	18.2	17.5	16.8	15.4	11.9	6.9
1000	***************		19.2	18.9	18.4	17.9	17.4	16.8	16.3	15.7	15.1	13.7	10.6	6.1
2000	*********************			13.4	13.0	12.7	12.3	11.9	11.5	11.1	10.6	9.7	7.5	4.3
3000	*********************			10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	7.9	6.1	3.5
4000	**************************				9.2	9.0	8.7	8.4	8.1	7.8	7.5	6.9	5.3	3.1
5000	**************************				8.2	8.0	7.8	7.5	7.3	7.0	6.7	6.1	4.8	2.7
6000	**************************				7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.6	4.3	2.5
7000	******************************					6.8	6.6	6.4	6.1	5.9	5.7	5.2	4.0	2.3
8000	******************************					6.3	6.1	6.0	5.8	5.5	5.3	4.9	3.8	2.2
9000	******************************					6.0	5.8	5.6	5.4	5.2	5.0	4.6	3.5	2.0
10000	******************************					5.7	5.5	5.3	5.1	5.0	4.8	4.3	3.4	1.9
11000	*********************************						5.2	5.1	4.9	4.7	4.5	4.1	3.2	1.9
12000	*********************************						5.0	4.9	4.7	4.5	4.3	4.0	3.1	1.8
13000	*********************************						4.8	4.7	4.5	4.3	4.2	3.8	3.0	1.7
14000	************************************							4.5	4.3	4.2	4.0	3.7	2.8	1.6
15000	************************************							4.3	4.2	4.0	3.9	3.5	2.7	1.6
16000	************************************							4.2	4.1	3.9	3.8	3.4	2.7	1.5
17000	************************************							4.1	3.9	3.8	3.7	3.3	2.6	1.5
18000	***************************************								3.8	3.7	3.5	3.2	2.5	1.4
19000	***************************************								3.7	3.6	3.5	3.2	2.4	1.4
20000	***************************************								3.6	3.5	3.4	3.1	2.4	1.4
21000	***									3.4	3.3	3.0	2.3	1.3
22000	***									3.3	3.2	2.9	2.3	1.3
23000	***									3.3	3.1	2.9	2.2	1.3
24000	**										3.1	2.8	2.2	1.3
25000	**										3.0	2.7	2.1	1.2
30000	**											2.5	1.9	1.1
35000	***												1.8	1.0
40000	***												1.7	1.0
45000	***												1.6	0.9
50000	***													0.9
55000	***													0.8
60000	***													0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

STE-CATHERINES-NIAGARA

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	********	58.3	58.0	57.1	55.6	54.0	52.4	50.7	49.0	47.2	45.4	41.4	32.1	18.5
400	********	41.2	41.0	40.4	39.3	38.2	37.0	35.9	34.6	33.4	32.1	29.3	22.7	13.1
600	********	33.6	33.5	33.0	32.1	31.2	30.2	29.3	28.3	27.3	26.2	23.9	18.5	10.7
800	********	29.1	29.0	28.5	27.8	27.0	26.2	25.4	24.5	23.6	22.7	20.7	16.0	9.3
1000	********	26.1	25.9	25.5	24.8	24.1	23.4	22.7	21.9	21.1	20.3	18.5	14.3	8.3
2000	****************		18.3	18.0	17.6	17.1	16.6	16.0	15.5	14.9	14.3	13.1	10.1	5.9
3000	**********************			14.7	14.3	13.9	13.5	13.1	12.7	12.2	11.7	10.7	8.3	4.8
4000	************************			12.8	12.4	12.1	11.7	11.3	11.0	10.6	10.1	9.3	7.2	4.1
5000	************************			11.4	11.1	10.8	10.5	10.1	9.8	9.4	9.1	8.3	6.4	3.7
6000	************************			10.4	10.1	9.9	9.6	9.3	8.9	8.6	8.3	7.6	5.9	3.4
7000	*****************************				9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.0	5.4	3.1
8000	*****************************				8.8	8.5	8.3	8.0	7.7	7.5	7.2	6.5	5.1	2.9
9000	*****************************				8.3	8.0	7.8	7.6	7.3	7.0	6.8	6.2	4.8	2.8
10000	*****************************				7.9	7.6	7.4	7.2	6.9	6.7	6.4	5.9	4.5	2.6
11000	*****************************				7.5	7.3	7.1	6.8	6.6	6.4	6.1	5.6	4.3	2.5
12000	*****************************				7.2	7.0	6.8	6.5	6.3	6.1	5.9	5.3	4.1	2.4
13000	************************************					6.7	6.5	6.3	6.1	5.9	5.6	5.1	4.0	2.3
14000	************************************					6.5	6.3	6.1	5.9	5.6	5.4	4.9	3.8	2.2
15000	************************************					6.2	6.0	5.9	5.7	5.5	5.2	4.8	3.7	2.1
16000	************************************					6.0	5.9	5.7	5.5	5.3	5.1	4.6	3.6	2.1
17000	************************************					5.9	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
18000	************************************					5.7	5.5	5.3	5.2	5.0	4.8	4.4	3.4	2.0
19000	***						5.4	5.2	5.0	4.8	4.7	4.2	3.3	1.9
20000	***						5.2	5.1	4.9	4.7	4.5	4.1	3.2	1.9
21000	***						5.1	4.9	4.8	4.6	4.4	4.0	3.1	1.8
22000	***						5.0	4.8	4.7	4.5	4.3	3.9	3.1	1.8
23000	***						4.9	4.7	4.6	4.4	4.2	3.9	3.0	1.7
24000	***						4.8	4.6	4.5	4.3	4.1	3.8	2.9	1.7
25000	***							4.5	4.4	4.2	4.1	3.7	2.9	1.7
30000	***							4.1	4.0	3.9	3.7	3.4	2.6	1.5
35000	**								3.7	3.6	3.4	3.1	2.4	1.4
40000	***									3.3	3.2	2.9	2.3	1.3
45000	**										3.0	2.8	2.1	1.2
50000	**											2.6	2.0	1.2
55000	**											2.5	1.9	1.1
60000	**											2.4	1.9	1.1
65000	**												1.8	1.0
70000	**												1.7	1.0
75000	**												1.7	1.0
80000	**												1.6	0.9
85000	**												1.6	0.9
90000	***													0.9
95000	***													0.8
100000	***													0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

SUDBURY+THUNDERBAY

NUMERATOR OF PERCENTAGE	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%
200	********	51.3	51.1	50.3	48.9	47.5	46.1	44.7	43.1	41.6	39.9	36.5	28.2	16.3
400	********	36.3	36.1	35.5	34.6	33.6	32.6	31.6	30.5	29.4	28.2	25.8	20.0	11.5
600	********	29.6	29.5	29.0	28.2	27.4	26.6	25.8	24.9	24.0	23.1	21.1	16.3	9.4
800	********	25.7	25.5	25.1	24.5	23.8	23.1	22.3	21.6	20.8	20.0	18.2	14.1	8.2
1000	**********	**********	22.8	22.5	21.9	21.3	20.6	20.0	19.3	18.6	17.9	16.3	12.6	7.3
2000	*****	*****	*****	15.9	15.5	15.0	14.6	14.1	13.6	13.1	12.6	11.5	8.9	5.2
3000	*****	*****	*****	13.0	12.6	12.3	11.9	11.5	11.1	10.7	10.3	9.4	7.3	4.2
4000	*****	*****	*****	11.2	10.9	10.6	10.3	10.0	9.6	9.3	8.9	8.2	6.3	3.6
5000	*****	*****	*****	*****	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.6	3.3
6000	*****	*****	*****	*****	8.9	8.7	8.4	8.2	7.9	7.6	7.3	6.7	5.2	3.0
7000	*****	*****	*****	*****	8.3	8.0	7.8	7.5	7.3	7.0	6.8	6.2	4.8	2.8
8000	*****	*****	*****	*****	7.7	7.5	7.3	7.1	6.8	6.6	6.3	5.8	4.5	2.6
9000	*****	*****	*****	*****	7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.4	4.2	2.4
10000	*****	*****	*****	*****	*****	6.7	6.5	6.3	6.1	5.9	5.6	5.2	4.0	2.3
11000	*****	*****	*****	*****	*****	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
12000	*****	*****	*****	*****	*****	6.1	6.0	5.8	5.6	5.4	5.2	4.7	3.6	2.1
13000	*****	*****	*****	*****	*****	5.9	5.7	5.5	5.4	5.2	5.0	4.5	3.5	2.0
14000	*****	*****	*****	*****	*****	5.7	5.5	5.3	5.2	5.0	4.8	4.4	3.4	1.9
15000	*****	*****	*****	*****	*****	*****	5.3	5.2	5.0	4.8	4.6	4.2	3.3	1.9
16000	*****	*****	*****	*****	*****	*****	5.2	5.0	4.8	4.6	4.5	4.1	3.2	1.8
17000	*****	*****	*****	*****	*****	*****	5.0	4.8	4.7	4.5	4.3	4.0	3.1	1.8
18000	*****	*****	*****	*****	*****	*****	4.9	4.7	4.5	4.4	4.2	3.8	3.0	1.7
19000	*****	*****	*****	*****	*****	*****	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
20000	*****	*****	*****	*****	*****	*****	*****	4.5	4.3	4.2	4.0	3.6	2.8	1.6
21000	*****	*****	*****	*****	*****	*****	*****	4.4	4.2	4.1	3.9	3.6	2.8	1.6
22000	*****	*****	*****	*****	*****	*****	*****	4.3	4.1	4.0	3.8	3.5	2.7	1.6
23000	*****	*****	*****	*****	*****	*****	*****	4.2	4.0	3.9	3.7	3.4	2.6	1.5
24000	*****	*****	*****	*****	*****	*****	*****	*****	3.9	3.8	3.6	3.3	2.6	1.5
25000	*****	*****	*****	*****	*****	*****	*****	*****	3.9	3.7	3.6	3.3	2.5	1.5
30000	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.4	3.3	3.0	2.3	1.3
35000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.0	2.8	2.1	1.2
40000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.6	2.0	1.2
45000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.4	1.9	1.1
50000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.8	1.0
55000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.7	1.0
60000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.6	0.9
65000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.6	0.9
70000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.9
75000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.8
80000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.8
85000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

TORONTO

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	83.6	83.2	82.8	81.5	79.4	77.1	74.8	72.5	70.0	67.5	64.8	59.2	45.8	26.5
400	59.1	58.9	58.6	57.7	56.1	54.5	52.9	51.2	49.5	47.7	45.8	41.8	32.4	18.7
600	48.3	48.1	47.8	47.1	45.8	44.5	43.2	41.8	40.4	38.9	37.4	34.2	26.5	15.3
800	41.8	41.6	41.4	40.8	39.7	38.6	37.4	36.2	35.0	33.7	32.4	29.6	22.9	13.2
1000	37.4	37.2	37.0	36.5	35.5	34.5	33.5	32.4	31.3	30.2	29.0	26.5	20.5	11.8
2000	*****	26.3	26.2	25.8	25.1	24.4	23.7	22.9	22.1	21.3	20.5	18.7	14.5	8.4
3000	*****	21.5	21.4	21.1	20.5	19.9	19.3	18.7	18.1	17.4	16.7	15.3	11.8	6.8
4000	*****	18.6	18.5	18.2	17.7	17.2	16.7	16.2	15.7	15.1	14.5	13.2	10.2	5.9
5000	*****	16.6	16.6	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0	11.8	9.2	5.3
6000	*****	15.2	15.1	14.9	14.5	14.1	13.7	13.2	12.8	12.3	11.8	10.8	8.4	4.8
7000	*****	14.1	14.0	13.8	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.0	7.7	4.5
8000	*****	13.2	13.1	12.9	12.5	12.2	11.8	11.5	11.1	10.7	10.2	9.4	7.2	4.2
9000	*****	12.4	12.3	12.2	11.8	11.5	11.2	10.8	10.4	10.1	9.7	8.8	6.8	3.9
10000	*****	11.8	11.7	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5	3.7
11000	*****	11.2	11.2	11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.7	8.0	6.2	3.6
12000	*****	*****	10.7	10.5	10.2	10.0	9.7	9.4	9.0	8.7	8.4	7.6	5.9	3.4
13000	*****	*****	10.3	10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.3	5.7	3.3
14000	*****	*****	9.9	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.7	7.1	5.5	3.2
15000	*****	*****	9.6	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3	3.1
16000	*****	*****	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.6	5.1	3.0
17000	*****	*****	9.0	8.8	8.6	8.4	8.1	7.9	7.6	7.3	7.0	6.4	5.0	2.9
18000	*****	*****	8.7	8.6	8.4	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8
19000	*****	*****	8.5	8.4	8.1	7.9	7.7	7.4	7.2	6.9	6.6	6.1	4.7	2.7
20000	*****	*****	8.3	8.2	7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6
21000	*****	*****	8.1	8.0	7.7	7.5	7.3	7.1	6.8	6.6	6.3	5.8	4.5	2.6
22000	*****	*****	7.9	7.8	7.6	7.4	7.1	6.9	6.7	6.4	6.2	5.6	4.4	2.5
23000	*****	*****	7.7	7.6	7.4	7.2	7.0	6.8	6.5	6.3	6.0	5.5	4.3	2.5
24000	*****	*****	*****	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.4	4.2	2.4
25000	*****	*****	*****	7.3	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
30000	*****	*****	*****	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.2
35000	*****	*****	*****	6.2	6.0	5.8	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
40000	*****	*****	*****	5.8	5.6	5.5	5.3	5.1	4.9	4.8	4.6	4.2	3.2	1.9
45000	*****	*****	*****	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3	3.9	3.1	1.8
50000	*****	*****	*****	5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
55000	*****	*****	*****	4.9	4.8	4.7	4.5	4.4	4.2	4.1	3.9	3.6	2.8	1.6
60000	*****	*****	*****	*****	4.6	4.5	4.3	4.2	4.0	3.9	3.7	3.4	2.6	1.5
65000	*****	*****	*****	*****	4.4	4.3	4.2	4.0	3.9	3.7	3.6	3.3	2.5	1.5
70000	*****	*****	*****	*****	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.2	2.4	1.4
75000	*****	*****	*****	*****	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.1	2.4	1.4
80000	*****	*****	*****	*****	4.0	3.9	3.7	3.6	3.5	3.4	3.2	3.0	2.3	1.3
85000	*****	*****	*****	*****	3.9	3.7	3.6	3.5	3.4	3.3	3.1	2.9	2.2	1.3
90000	*****	*****	*****	*****	3.7	3.6	3.5	3.4	3.3	3.2	3.1	2.8	2.2	1.2
95000	*****	*****	*****	*****	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.7	2.1	1.2
100000	*****	*****	*****	*****	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.6	2.0	1.2
125000	*****	*****	*****	*****	*****	3.1	3.0	2.9	2.8	2.7	2.6	2.4	1.8	1.1
150000	*****	*****	*****	*****	*****	2.8	2.7	2.6	2.6	2.5	2.4	2.2	1.7	1.0
200000	*****	*****	*****	*****	*****	*****	2.4	2.3	2.2	2.1	2.0	1.9	1.4	0.8
250000	*****	*****	*****	*****	*****	*****	*****	2.0	2.0	1.9	1.8	1.7	1.3	0.7
300000	*****	*****	*****	*****	*****	*****	*****	*****	1.8	1.7	1.7	1.5	1.2	0.7
350000	*****	*****	*****	*****	*****	*****	*****	*****	1.7	1.6	1.5	1.4	1.1	0.6
400000	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.5	1.4	1.3	1.0	0.6

450000	**	1.4	1.2	1.0	0.6
500000	**		1.2	0.9	0.5
750000	**			0.7	0.4
1000000	**				0.4

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

WINDSOR

NUMERATOR OF
PERCENTAGE

ESTIMATED PERCENTAGE

NUMERATOR	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%
200	****	49.9	49.7	48.9	47.6	46.3	44.9	43.5	42.0	40.5	38.9	35.5	27.5	15.9
400	****	35.3	35.1	34.6	33.7	32.7	31.7	30.7	29.7	28.6	27.5	25.1	19.4	11.2
600	****	28.8	28.7	28.2	27.5	26.7	25.9	25.1	24.2	23.4	22.4	20.5	15.9	9.2
800	****	25.0	24.8	24.5	23.8	23.1	22.4	21.7	21.0	20.2	19.4	17.7	13.7	7.9
1000	****	****	22.2	21.9	21.3	20.7	20.1	19.4	18.8	18.1	17.4	15.9	12.3	7.1
2000	****	****	****	15.5	15.1	14.6	14.2	13.7	13.3	12.8	12.3	11.2	8.7	5.0
3000	****	****	****	12.6	12.3	11.9	11.6	11.2	10.8	10.4	10.0	9.2	7.1	4.1
4000	****	****	****	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	7.9	6.1	3.5
5000	****	****	****	****	9.5	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
6000	****	****	****	****	8.7	8.4	8.2	7.9	7.7	7.4	7.1	6.5	5.0	2.9
7000	****	****	****	****	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.0	4.6	2.7
8000	****	****	****	****	7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.6	4.3	2.5
9000	****	****	****	****	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
10000	****	****	****	****	****	6.5	6.3	6.1	5.9	5.7	5.5	5.0	3.9	2.2
11000	****	****	****	****	****	6.2	6.1	5.9	5.7	5.5	5.2	4.8	3.7	2.1
12000	****	****	****	****	****	6.0	5.8	5.6	5.4	5.2	5.0	4.6	3.5	2.0
13000	****	****	****	****	****	5.7	5.6	5.4	5.2	5.0	4.8	4.4	3.4	2.0
14000	****	****	****	****	****	****	5.4	5.2	5.0	4.8	4.6	4.2	3.3	1.9
15000	****	****	****	****	****	****	5.2	5.0	4.8	4.7	4.5	4.1	3.2	1.8
16000	****	****	****	****	****	****	5.0	4.9	4.7	4.5	4.3	4.0	3.1	1.8
17000	****	****	****	****	****	****	4.9	4.7	4.6	4.4	4.2	3.8	3.0	1.7
18000	****	****	****	****	****	****	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
19000	****	****	****	****	****	****	****	4.5	4.3	4.2	4.0	3.6	2.8	1.6
20000	****	****	****	****	****	****	****	4.3	4.2	4.0	3.9	3.5	2.7	1.6
21000	****	****	****	****	****	****	****	4.2	4.1	3.9	3.8	3.5	2.7	1.5
22000	****	****	****	****	****	****	****	4.1	4.0	3.9	3.7	3.4	2.6	1.5
23000	****	****	****	****	****	****	****	****	3.9	3.8	3.6	3.3	2.6	1.5
24000	****	****	****	****	****	****	****	****	3.8	3.7	3.5	3.2	2.5	1.4
25000	****	****	****	****	****	****	****	****	3.8	3.6	3.5	3.2	2.5	1.4
30000	****	****	****	****	****	****	****	****	****	3.3	3.2	2.9	2.2	1.3
35000	****	****	****	****	****	****	****	****	****	****	2.9	2.7	2.1	1.2
40000	****	****	****	****	****	****	****	****	****	****	****	2.5	1.9	1.1
45000	****	****	****	****	****	****	****	****	****	****	****	2.4	1.8	1.1
50000	****	****	****	****	****	****	****	****	****	****	****	****	1.7	1.0
55000	****	****	****	****	****	****	****	****	****	****	****	****	1.7	1.0
60000	****	****	****	****	****	****	****	****	****	****	****	****	1.6	0.9
65000	****	****	****	****	****	****	****	****	****	****	****	****	****	0.9
70000	****	****	****	****	****	****	****	****	****	****	****	****	****	0.8
75000	****	****	****	****	****	****	****	****	****	****	****	****	****	0.8
80000	****	****	****	****	****	****	****	****	****	****	****	****	****	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

WINNIPEG

NUMERATOR OF PERCENTAGE	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%
200	81.1	80.7	80.3	79.1	77.0	74.8	72.6	70.2	67.9	65.4	62.8	57.4	44.4	25.7
400	********	57.1	56.8	55.9	54.4	52.9	51.3	49.7	48.0	46.2	44.4	40.6	31.4	18.1
600	********	46.6	46.4	45.6	44.4	43.2	41.9	40.6	39.2	37.8	36.3	33.1	25.7	14.8
800	********	40.4	40.2	39.5	38.5	37.4	36.3	35.1	33.9	32.7	31.4	28.7	22.2	12.8
1000	********	36.1	35.9	35.4	34.4	33.4	32.4	31.4	30.4	29.2	28.1	25.7	19.9	11.5
2000	********	25.5	25.4	25.0	24.3	23.6	22.9	22.2	21.5	20.7	19.9	18.1	14.0	8.1
3000	*************	*	20.7	20.4	19.9	19.3	18.7	18.1	17.5	16.9	16.2	14.8	11.5	6.6
4000	*************	*	18.0	17.7	17.2	16.7	16.2	15.7	15.2	14.6	14.0	12.8	9.9	5.7
5000	****************	*	*	15.8	15.4	15.0	14.5	14.0	13.6	13.1	12.6	11.5	8.9	5.1
6000	****************	*	*	14.4	14.0	13.7	13.2	12.8	12.4	11.9	11.5	10.5	8.1	4.7
7000	****************	*	*	13.4	13.0	12.6	12.3	11.9	11.5	11.1	10.6	9.7	7.5	4.3
8000	****************	*	*	12.5	12.2	11.8	11.5	11.1	10.7	10.3	9.9	9.1	7.0	4.1
9000	****************	*	*	11.8	11.5	11.1	10.8	10.5	10.1	9.7	9.4	8.6	6.6	3.8
10000	****************	*	*	11.2	10.9	10.6	10.3	9.9	9.6	9.2	8.9	8.1	6.3	3.6
11000	****************	*	*	10.7	10.4	10.1	9.8	9.5	9.2	8.8	8.5	7.7	6.0	3.5
12000	********************	*	*	*	9.9	9.7	9.4	9.1	8.8	8.4	8.1	7.4	5.7	3.3
13000	********************	*	*	*	9.5	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
14000	********************	*	*	*	9.2	8.9	8.7	8.4	8.1	7.8	7.5	6.9	5.3	3.1
15000	********************	*	*	*	8.9	8.6	8.4	8.1	7.8	7.6	7.3	6.6	5.1	3.0
16000	********************	*	*	*	8.6	8.4	8.1	7.9	7.6	7.3	7.0	6.4	5.0	2.9
17000	********************	*	*	*	8.3	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8
18000	********************	*	*	*	8.1	7.9	7.6	7.4	7.2	6.9	6.6	6.0	4.7	2.7
19000	********************	*	*	*	7.9	7.7	7.4	7.2	7.0	6.7	6.4	5.9	4.6	2.6
20000	********************	*	*	*	7.7	7.5	7.3	7.0	6.8	6.5	6.3	5.7	4.4	2.6
21000	********************	*	*	*	7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.6	4.3	2.5
22000	********************	*	*	*	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.5	4.2	2.4
23000	********************	*	*	*	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.3	4.1	2.4
24000	************************	*	*	*	*	6.8	6.6	6.4	6.2	6.0	5.7	5.2	4.1	2.3
25000	************************	*	*	*	*	6.7	6.5	6.3	6.1	5.8	5.6	5.1	4.0	2.3
30000	************************	*	*	*	*	6.1	5.9	5.7	5.5	5.3	5.1	4.7	3.6	2.1
35000	************************	*	*	*	*	5.7	5.5	5.3	5.1	4.9	4.7	4.3	3.4	1.9
40000	****************************	*	*	*	*	*	5.1	4.8	4.6	4.4	4.2	4.1	3.1	1.8
45000	****************************	*	*	*	*	*	4.8	4.7	4.5	4.4	4.2	3.8	3.0	1.7
50000	********************************	*	*	*	*	*	*	4.4	4.3	4.1	4.0	3.6	2.8	1.6
55000	********************************	*	*	*	*	*	*	4.2	4.1	3.9	3.8	3.5	2.7	1.5
60000	************************************	*	*	*	*	*	*	*	3.9	3.8	3.6	3.3	2.6	1.5
65000	************************************	*	*	*	*	*	*	*	3.8	3.6	3.5	3.2	2.5	1.4
70000	************************************	*	*	*	*	*	*	*	3.6	3.5	3.4	3.1	2.4	1.4
75000	**	*	*	*	*	*	*	*	*	3.4	3.2	3.0	2.3	1.3
80000	**	*	*	*	*	*	*	*	*	3.3	3.1	2.9	2.2	1.3
85000	**	*	*	*	*	*	*	*	*	*	3.0	2.8	2.2	1.2
90000	**	*	*	*	*	*	*	*	*	*	3.0	2.7	2.1	1.2
95000	**	*	*	*	*	*	*	*	*	*	*	2.6	2.0	1.2
100000	**	*	*	*	*	*	*	*	*	*	*	2.6	2.0	1.1
125000	**	*	*	*	*	*	*	*	*	*	*	*	1.8	1.0
150000	**	*	*	*	*	*	*	*	*	*	*	*	1.6	0.9
200000	**	*	*	*	*	*	*	*	*	*	*	*	*	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

REGINA

NUMERATOR OF PERCENTAGE	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%
200	********	43.3	43.0	42.4	41.2	40.1	38.9	37.7	36.4	35.1	33.7	30.7	23.8	13.7
400	********	30.6	30.4	30.0	29.2	28.3	27.5	26.6	25.7	24.8	23.8	21.7	16.8	9.7
600	********	25.0	24.8	24.5	23.8	23.1	22.5	21.7	21.0	20.2	19.4	17.7	13.7	7.9
800	****************		21.5	21.2	20.6	20.0	19.4	18.8	18.2	17.5	16.8	15.4	11.9	6.9
1000	****************		19.2	19.0	18.4	17.9	17.4	16.8	16.3	15.7	15.1	13.7	10.6	6.1
2000	***********************			13.4	13.0	12.7	12.3	11.9	11.5	11.1	10.6	9.7	7.5	4.3
3000	**************************			10.9	10.6	10.3	10.0	9.7	9.4	9.1	8.7	7.9	6.1	3.5
4000	*********************************				9.2	9.0	8.7	8.4	8.1	7.8	7.5	6.9	5.3	3.1
5000	*********************************				8.2	8.0	7.8	7.5	7.3	7.0	6.7	6.1	4.8	2.7
6000	********************************				7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.6	4.3	2.5
7000	*************************************					6.8	6.6	6.4	6.1	5.9	5.7	5.2	4.0	2.3
8000	***************************************					6.3	6.1	6.0	5.8	5.5	5.3	4.9	3.8	2.2
9000	**************************************					6.0	5.8	5.6	5.4	5.2	5.0	4.6	3.5	2.0
10000	**************************************					5.7	5.5	5.3	5.1	5.0	4.8	4.3	3.4	1.9
11000	**						5.2	5.1	4.9	4.7	4.5	4.1	3.2	1.9
12000	**						5.0	4.9	4.7	4.5	4.3	4.0	3.1	1.8
13000	**						4.8	4.7	4.5	4.3	4.2	3.8	3.0	1.7
14000	**							4.5	4.3	4.2	4.0	3.7	2.8	1.6
15000	**							4.3	4.2	4.0	3.9	3.5	2.7	1.6
16000	**							4.2	4.1	3.9	3.8	3.4	2.7	1.5
17000	**								3.9	3.8	3.7	3.3	2.6	1.5
18000	**								3.8	3.7	3.5	3.2	2.5	1.4
19000	**								3.7	3.6	3.5	3.2	2.4	1.4
20000	**								3.6	3.5	3.4	3.1	2.4	1.4
21000	***									3.4	3.3	3.0	2.3	1.3
22000	***									3.3	3.2	2.9	2.3	1.3
23000	***									3.3	3.1	2.9	2.2	1.3
24000	***										3.1	2.8	2.2	1.3
25000	***										3.0	2.7	2.1	1.2
30000	**											2.5	1.9	1.1
35000	**												1.8	1.0
40000	**												1.7	1.0
45000	**												1.6	0.9
50000	***													0.9
55000	***													0.8
60000	***													0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

SASKATOON

NUMERATOR OF PERCENTAGE	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%
200	*	44.8	44.6	43.9	42.7	41.5	40.3	39.0	37.7	36.3	34.9	31.9	24.7	14.2
400	*	31.7	31.5	31.1	30.2	29.4	28.5	27.6	26.7	25.7	24.7	22.5	17.4	10.1
600	*	25.9	25.8	25.4	24.7	24.0	23.3	22.5	21.8	21.0	20.1	18.4	14.2	8.2
800	*	*	22.3	22.0	21.4	20.8	20.1	19.5	18.8	18.2	17.4	15.9	12.3	7.1
1000	*	*	19.9	19.6	19.1	18.6	18.0	17.4	16.9	16.2	15.6	14.2	11.0	6.4
2000	*	*	*	13.9	13.5	13.1	12.7	12.3	11.9	11.5	11.0	10.1	7.8	4.5
3000	*	*	*	11.3	11.0	10.7	10.4	10.1	9.7	9.4	9.0	8.2	6.4	3.7
4000	*	*	*	*	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
5000	*	*	*	*	8.5	8.3	8.1	7.8	7.5	7.3	7.0	6.4	4.9	2.8
6000	*	*	*	*	7.8	7.6	7.4	7.1	6.9	6.6	6.4	5.8	4.5	2.6
7000	*	*	*	*	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.4	4.2	2.4
8000	*	*	*	*	*	6.6	6.4	6.2	6.0	5.7	5.5	5.0	3.9	2.3
9000	*	*	*	*	*	6.2	6.0	5.8	5.6	5.4	5.2	4.7	3.7	2.1
10000	*	*	*	*	*	5.9	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
11000	*	*	*	*	*	5.6	5.4	5.3	5.1	4.9	4.7	4.3	3.3	1.9
12000	*	*	*	*	*	*	5.2	5.0	4.9	4.7	4.5	4.1	3.2	1.8
13000	*	*	*	*	*	*	5.0	4.8	4.7	4.5	4.3	4.0	3.1	1.8
14000	*	*	*	*	*	*	4.8	4.7	4.5	4.3	4.2	3.8	2.9	1.7
15000	*	*	*	*	*	*	*	4.5	4.4	4.2	4.0	3.7	2.8	1.6
16000	*	*	*	*	*	*	*	4.4	4.2	4.1	3.9	3.6	2.8	1.6
17000	*	*	*	*	*	*	*	4.2	4.1	3.9	3.8	3.5	2.7	1.5
18000	*	*	*	*	*	*	*	4.1	4.0	3.8	3.7	3.4	2.6	1.5
19000	*	*	*	*	*	*	*	*	3.9	3.7	3.6	3.3	2.5	1.5
20000	*	*	*	*	*	*	*	*	3.8	3.6	3.5	3.2	2.5	1.4
21000	*	*	*	*	*	*	*	*	3.7	3.5	3.4	3.1	2.4	1.4
22000	*	*	*	*	*	*	*	*	3.6	3.5	3.3	3.0	2.4	1.4
23000	*	*	*	*	*	*	*	*	*	3.4	3.3	3.0	2.3	1.3
24000	*	*	*	*	*	*	*	*	*	3.3	3.2	2.9	2.3	1.3
25000	*	*	*	*	*	*	*	*	*	3.2	3.1	2.8	2.2	1.3
30000	*	*	*	*	*	*	*	*	*	*	*	2.6	2.0	1.2
35000	*	*	*	*	*	*	*	*	*	*	*	2.4	1.9	1.1
40000	*	*	*	*	*	*	*	*	*	*	*	*	1.7	1.0
45000	*	*	*	*	*	*	*	*	*	*	*	*	1.6	0.9
50000	*	*	*	*	*	*	*	*	*	*	*	*	1.6	0.9
55000	*	*	*	*	*	*	*	*	*	*	*	*	*	0.9
60000	*	*	*	*	*	*	*	*	*	*	*	*	*	0.8
65000	*	*	*	*	*	*	*	*	*	*	*	*	*	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

CALGARY

NUMERATOR OF 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%
					ESTIMATED PERCENTAGE									
200	83.2	82.8	82.4	81.1	79.0	76.7	74.5	72.1	69.6	67.1	64.5	58.9	45.6	26.3
400	***	58.6	58.3	57.4	55.8	54.3	52.6	51.0	49.2	47.5	45.6	41.6	32.2	18.6
600	***	47.8	47.6	46.8	45.6	44.3	43.0	41.6	40.2	38.7	37.2	34.0	26.3	15.2
800	***	41.4	41.2	40.6	39.5	38.4	37.2	36.0	34.8	33.6	32.2	29.4	22.8	13.2
1000	***	37.0	36.9	36.3	35.3	34.3	33.3	32.2	31.1	30.0	28.8	26.3	20.4	11.8
2000	***	26.2	26.1	25.7	25.0	24.3	23.5	22.8	22.0	21.2	20.4	18.6	14.4	8.3
3000	***	***	21.3	20.9	20.4	19.8	19.2	18.6	18.0	17.3	16.6	15.2	11.8	6.8
4000	***	***	18.4	18.1	17.7	17.2	16.6	16.1	15.6	15.0	14.4	13.2	10.2	5.9
5000	***	***	***	16.2	15.8	15.3	14.9	14.4	13.9	13.4	12.9	11.8	9.1	5.3
6000	***	***	***	14.8	14.4	14.0	13.6	13.2	12.7	12.3	11.8	10.7	8.3	4.8
7000	***	***	***	13.7	13.3	13.0	12.6	12.2	11.8	11.3	10.9	9.9	7.7	4.4
8000	***	***	***	12.8	12.5	12.1	11.8	11.4	11.0	10.6	10.2	9.3	7.2	4.2
9000	***	***	***	12.1	11.8	11.4	11.1	10.7	10.4	10.0	9.6	8.8	6.8	3.9
10000	***	***	***	11.5	11.2	10.9	10.5	10.2	9.8	9.5	9.1	8.3	6.4	3.7
11000	***	***	***	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	7.9	6.1	3.5
12000	***	***	***	10.5	10.2	9.9	9.6	9.3	9.0	8.7	8.3	7.6	5.9	3.4
13000	***	***	***	***	9.8	9.5	9.2	8.9	8.6	8.3	8.0	7.3	5.7	3.3
14000	***	***	***	***	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.0	5.4	3.1
15000	***	***	***	***	9.1	8.9	8.6	8.3	8.0	7.7	7.4	6.8	5.3	3.0
16000	***	***	***	***	8.8	8.6	8.3	8.1	7.8	7.5	7.2	6.6	5.1	2.9
17000	***	***	***	***	8.6	8.3	8.1	7.8	7.6	7.3	7.0	6.4	4.9	2.9
18000	***	***	***	***	8.3	8.1	7.8	7.6	7.3	7.1	6.8	6.2	4.8	2.8
19000	***	***	***	***	8.1	7.9	7.6	7.4	7.1	6.9	6.6	6.0	4.7	2.7
20000	***	***	***	***	7.9	7.7	7.4	7.2	7.0	6.7	6.4	5.9	4.6	2.6
21000	***	***	***	***	7.7	7.5	7.3	7.0	6.8	6.5	6.3	5.7	4.4	2.6
22000	***	***	***	***	7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.6	4.3	2.5
23000	***	***	***	***	7.4	7.2	6.9	6.7	6.5	6.3	6.0	5.5	4.3	2.5
24000	***	***	***	***	7.2	7.0	6.8	6.6	6.4	6.1	5.9	5.4	4.2	2.4
25000	***	***	***	***	***	6.9	6.7	6.4	6.2	6.0	5.8	5.3	4.1	2.4
30000	***	***	***	***	***	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.1
35000	***	***	***	***	***	5.8	5.6	5.4	5.3	5.1	4.9	4.4	3.4	2.0
40000	***	***	***	***	***	***	5.3	5.1	4.9	4.7	4.6	4.2	3.2	1.9
45000	***	***	***	***	***	***	5.0	4.8	4.6	4.5	4.3	3.9	3.0	1.8
50000	***	***	***	***	***	***	***	4.6	4.4	4.2	4.1	3.7	2.9	1.7
55000	***	***	***	***	***	***	***	4.3	4.2	4.0	3.9	3.5	2.7	1.6
60000	***	***	***	***	***	***	***	4.2	4.0	3.9	3.7	3.4	2.6	1.5
65000	***	***	***	***	***	***	***	***	3.9	3.7	3.6	3.3	2.5	1.5
70000	***	***	***	***	***	***	***	***	3.7	3.6	3.4	3.1	2.4	1.4
75000	***	***	***	***	***	***	***	***	***	3.5	3.3	3.0	2.4	1.4
80000	***	***	***	***	***	***	***	***	***	3.4	3.2	2.9	2.3	1.3
85000	***	***	***	***	***	***	***	***	***	3.3	3.1	2.9	2.2	1.3
90000	***	***	***	***	***	***	***	***	***	***	3.0	2.8	2.1	1.2
95000	***	***	***	***	***	***	***	***	***	***	3.0	2.7	2.1	1.2
100000	***	***	***	***	***	***	***	***	***	***	***	2.6	2.0	1.2
125000	***	***	***	***	***	***	***	***	***	***	***	***	1.8	1.1
150000	***	***	***	***	***	***	***	***	***	***	***	***	1.7	1.0
200000	***	***	***	***	***	***	***	***	***	***	***	***	***	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

EDMONTON

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	83.6	83.2	82.8	81.5	79.4	77.1	74.8	72.4	70.0	67.4	64.8	59.2	45.8	26.5
400	*	58.9	58.6	57.7	56.1	54.5	52.9	51.2	49.5	47.7	45.8	41.8	32.4	18.7
600	*	48.1	47.8	47.1	45.8	44.5	43.2	41.8	40.4	38.9	37.4	34.2	26.5	15.3
800	*	41.6	41.4	40.8	39.7	38.6	37.4	36.2	35.0	33.7	32.4	29.6	22.9	13.2
1000	*	37.2	37.0	36.5	35.5	34.5	33.5	32.4	31.3	30.2	29.0	26.5	20.5	11.8
2000	*	26.3	26.2	25.8	25.1	24.4	23.7	22.9	22.1	21.3	20.5	18.7	14.5	8.4
3000	*	*	21.4	21.1	20.5	19.9	19.3	18.7	18.1	17.4	16.7	15.3	11.8	6.8
4000	*	*	18.5	18.2	17.7	17.2	16.7	16.2	15.7	15.1	14.5	13.2	10.2	5.9
5000	*	*	16.6	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0	11.8	9.2	5.3
6000	*	*	*	14.9	14.5	14.1	13.7	13.2	12.8	12.3	11.8	10.8	8.4	4.8
7000	*	*	*	13.8	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.0	7.7	4.5
8000	*	*	*	12.9	12.5	12.2	11.8	11.5	11.1	10.7	10.2	9.4	7.2	4.2
9000	*	*	*	12.2	11.8	11.5	11.2	10.8	10.4	10.1	9.7	8.8	6.8	3.9
10000	*	*	*	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5	3.7
11000	*	*	*	11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.7	8.0	6.2	3.6
12000	*	*	*	10.5	10.2	10.0	9.7	9.4	9.0	8.7	8.4	7.6	5.9	3.4
13000	*	*	*	10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.3	5.7	3.3
14000	*	*	*	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.7	7.1	5.5	3.2
15000	*	*	*	*	9.2	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3	3.1
16000	*	*	*	*	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.6	5.1	3.0
17000	*	*	*	*	8.6	8.4	8.1	7.9	7.6	7.3	7.0	6.4	5.0	2.9
18000	*	*	*	*	8.4	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8
19000	*	*	*	*	8.1	7.9	7.7	7.4	7.2	6.9	6.6	6.1	4.7	2.7
20000	*	*	*	*	7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6
21000	*	*	*	*	7.7	7.5	7.3	7.1	6.8	6.6	6.3	5.8	4.5	2.6
22000	*	*	*	*	7.6	7.4	7.1	6.9	6.7	6.4	6.2	5.6	4.4	2.5
23000	*	*	*	*	7.4	7.2	7.0	6.8	6.5	6.3	6.0	5.5	4.3	2.5
24000	*	*	*	*	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.4	4.2	2.4
25000	*	*	*	*	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
30000	*	*	*	*	*	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.2
35000	*	*	*	*	*	5.8	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
40000	*	*	*	*	*	5.5	5.3	5.1	4.9	4.8	4.6	4.2	3.2	1.9
45000	*	*	*	*	*	*	5.0	4.8	4.7	4.5	4.3	3.9	3.1	1.8
50000	*	*	*	*	*	*	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
55000	*	*	*	*	*	*	4.5	4.4	4.2	4.1	3.9	3.6	2.8	1.6
60000	*	*	*	*	*	*	*	4.2	4.0	3.9	3.7	3.4	2.6	1.5
65000	*	*	*	*	*	*	*	4.0	3.9	3.7	3.6	3.3	2.5	1.5
70000	*	*	*	*	*	*	*	3.9	3.7	3.6	3.5	3.2	2.4	1.4
75000	*	*	*	*	*	*	*	*	3.6	3.5	3.3	3.1	2.4	1.4
80000	*	*	*	*	*	*	*	*	3.5	3.4	3.2	3.0	2.3	1.3
85000	*	*	*	*	*	*	*	*	*	3.3	3.1	2.9	2.2	1.3
90000	*	*	*	*	*	*	*	*	*	3.2	3.1	2.8	2.2	1.2
95000	*	*	*	*	*	*	*	*	*	3.1	3.0	2.7	2.1	1.2
100000	*	*	*	*	*	*	*	*	*	*	2.9	2.6	2.0	1.2
125000	*	*	*	*	*	*	*	*	*	*	*	2.4	1.8	1.1
150000	*	*	*	*	*	*	*	*	*	*	*	*	1.7	1.0
200000	*	*	*	*	*	*	*	*	*	*	*	*	*	0.8
250000	*	*	*	*	*	*	*	*	*	*	*	*	*	0.7

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

VANCOUVER

NUMERATOR OF PERCENTAGE

ESTIMATED PERCENTAGE

Numerator of 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%
200	83.6	83.2	82.8	81.5	79.4	77.1	74.8	72.5	70.0	67.5	64.8	59.2	45.8	26.5
400	59.1	58.9	58.6	57.7	56.1	54.5	52.9	51.2	49.5	47.7	45.8	41.8	32.4	18.7
600	********	48.1	47.8	47.1	45.8	44.5	43.2	41.8	40.4	38.9	37.4	34.2	26.5	15.3
800	********	41.6	41.4	40.8	39.7	38.6	37.4	36.2	35.0	33.7	32.4	29.6	22.9	13.2
1000	********	37.2	37.0	36.5	35.5	34.5	33.5	32.4	31.3	30.2	29.0	26.5	20.5	11.8
2000	********	26.3	26.2	25.8	25.1	24.4	23.7	22.9	22.1	21.3	20.5	18.7	14.5	8.4
3000	********	21.5	21.4	21.1	20.5	19.9	19.3	18.7	18.1	17.4	16.7	15.3	11.8	6.8
4000	********	18.6	18.5	18.2	17.7	17.2	16.7	16.2	15.7	15.1	14.5	13.2	10.2	5.9
5000	********	16.6	16.6	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0	11.8	9.2	5.3
6000	********	********	15.1	14.9	14.5	14.1	13.7	13.2	12.8	12.3	11.8	10.8	8.4	4.8
7000	********	********	14.0	13.8	13.4	13.0	12.6	12.2	11.8	11.4	11.0	10.0	7.7	4.5
8000	********	********	13.1	12.9	12.6	12.2	11.8	11.5	11.1	10.7	10.2	9.4	7.2	4.2
9000	********	********	12.3	12.2	11.8	11.5	11.2	10.8	10.4	10.1	9.7	8.8	6.8	3.9
10000	********	********	11.7	11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5	3.7
11000	********	********	********	11.0	10.7	10.4	10.1	9.8	9.4	9.1	8.7	8.0	6.2	3.6
12000	********	********	********	10.5	10.2	10.0	9.7	9.4	9.0	8.7	8.4	7.6	5.9	3.4
13000	********	********	********	10.1	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.3	5.7	3.3
14000	********	********	********	9.7	9.5	9.2	8.9	8.7	8.4	8.1	7.7	7.1	5.5	3.2
15000	********	********	********	9.4	9.2	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3	3.1
16000	********	********	********	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.6	5.1	3.0
17000	********	********	********	8.8	8.6	8.4	8.1	7.9	7.6	7.3	7.0	6.4	5.0	2.9
18000	********	********	********	8.6	8.4	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8
19000	********	********	********	8.4	8.1	7.9	7.7	7.4	7.2	6.9	6.6	6.1	4.7	2.7
20000	********	********	********	8.2	7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6
21000	********	********	********	8.0	7.7	7.5	7.3	7.1	6.8	6.6	6.3	5.8	4.5	2.6
22000	********	********	********	7.8	7.6	7.4	7.1	6.9	6.7	6.4	6.2	5.6	4.4	2.5
23000	********	********	********	7.6	7.4	7.2	7.0	6.8	6.5	6.3	6.0	5.5	4.3	2.5
24000	********	********	********	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.4	4.2	2.4
25000	********	********	********	7.3	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
30000	********	********	********	********	6.5	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.2
35000	********	********	********	********	6.0	5.8	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
40000	********	********	********	********	5.6	5.5	5.3	5.1	4.9	4.8	4.6	4.2	3.2	1.9
45000	********	********	********	********	5.3	5.1	5.0	4.8	4.7	4.5	4.3	3.9	3.1	1.8
50000	********	********	********	********	5.0	4.9	4.7	4.6	4.4	4.3	4.1	3.7	2.9	1.7
55000	********	********	********	********	********	4.7	4.5	4.4	4.2	4.1	3.9	3.6	2.8	1.6
60000	********	********	********	********	********	4.5	4.3	4.2	4.0	3.9	3.7	3.4	2.6	1.5
65000	********	********	********	********	********	4.3	4.2	4.0	3.9	3.7	3.6	3.3	2.5	1.5
70000	********	********	********	********	********	4.1	4.0	3.9	3.7	3.6	3.5	3.2	2.4	1.4
75000	********	********	********	********	********	4.0	3.9	3.7	3.6	3.5	3.3	3.1	2.4	1.4
80000	********	********	********	********	********	********	3.7	3.6	3.5	3.4	3.2	3.0	2.3	1.3
85000	********	********	********	********	********	********	3.6	3.5	3.4	3.3	3.1	2.9	2.2	1.3
90000	********	********	********	********	********	********	3.5	3.4	3.3	3.2	3.1	2.8	2.2	1.2
95000	********	********	********	********	********	********	3.4	3.3	3.2	3.1	3.0	2.7	2.1	1.2
100000	********	********	********	********	********	********	3.3	3.2	3.1	3.0	2.9	2.6	2.0	1.2
125000	********	********	********	********	********	********	********	2.9	2.8	2.7	2.6	2.4	1.8	1.1
150000	********	********	********	********	********	********	********	********	2.6	2.5	2.4	2.2	1.7	1.0
200000	********	********	********	********	********	********	********	********	********	********	2.0	1.9	1.4	0.8
250000	********	********	********	********	********	********	********	********	********	********	********	1.7	1.3	0.7
300000	********	********	********	********	********	********	********	********	********	********	********	********	1.2	0.7
350000	********	********	********	********	********	********	********	********	********	********	********	********	1.1	0.6
400000	********	********	********	********	********	********	********	********	********	********	********	********	********	0.6

450000 ** O.6

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

VICTORIA

NUMERATOR OF PERCENTAGE	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%
200	*******	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
400	*******	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
600	*******	30.8	30.6	30.1	29.3	28.5	27.7	26.8	25.9	24.9	24.0	21.9	16.9	9.8
800	*******	26.6	26.5	26.1	25.4	24.7	24.0	23.2	22.4	21.6	20.7	18.9	14.7	8.5
1000	*******	23.8	23.7	23.3	22.7	22.1	21.4	20.7	20.0	19.3	18.6	16.9	13.1	7.6
2000	******	******	16.8	16.5	16.1	15.6	15.2	14.7	14.2	13.7	13.1	12.0	9.3	5.4
3000	******	******	******	13.5	13.1	12.8	12.4	12.0	11.6	11.2	10.7	9.8	7.6	4.4
4000	******	******	******	11.7	11.4	11.0	10.7	10.4	10.0	9.7	9.3	8.5	6.6	3.8
5000	******	******	******	10.4	10.2	9.9	9.6	9.3	9.0	8.6	8.3	7.6	5.9	3.4
6000	******	******	******	******	9.3	9.0	8.7	8.5	8.2	7.9	7.6	6.9	5.4	3.1
7000	******	******	******	******	8.6	8.3	8.1	7.8	7.6	7.3	7.0	6.4	5.0	2.9
8000	******	******	******	******	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.0	4.6	2.7
9000	******	******	******	******	7.6	7.4	7.1	6.9	6.7	6.4	6.2	5.6	4.4	2.5
10000	******	******	******	******	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.4	4.1	2.4
11000	******	******	******	******	******	6.7	6.5	6.3	6.0	5.8	5.6	5.1	4.0	2.3
12000	******	******	******	******	******	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
13000	******	******	******	******	******	6.1	5.9	5.8	5.6	5.4	5.1	4.7	3.6	2.1
14000	******	******	******	******	******	5.9	5.7	5.5	5.4	5.2	5.0	4.5	3.5	2.0
15000	******	******	******	******	******	5.7	5.5	5.4	5.2	5.0	4.8	4.4	3.4	2.0
16000	******	******	******	******	******	******	5.4	5.2	5.0	4.8	4.6	4.2	3.3	1.9
17000	******	******	******	******	******	******	5.2	5.0	4.9	4.7	4.5	4.1	3.2	1.8
18000	******	******	******	******	******	******	5.1	4.9	4.7	4.6	4.4	4.0	3.1	1.8
19000	******	******	******	******	******	******	4.9	4.8	4.6	4.4	4.3	3.9	3.0	1.7
20000	******	******	******	******	******	******	4.8	4.6	4.5	4.3	4.1	3.8	2.9	1.7
21000	******	******	******	******	******	******	******	4.5	4.4	4.2	4.0	3.7	2.9	1.7
22000	******	******	******	******	******	******	******	4.4	4.3	4.1	4.0	3.6	2.8	1.6
23000	******	******	******	******	******	******	******	4.3	4.2	4.0	3.9	3.5	2.7	1.6
24000	******	******	******	******	******	******	******	4.2	4.1	3.9	3.8	3.5	2.7	1.5
25000	******	******	******	******	******	******	******	4.1	4.0	3.9	3.7	3.4	2.6	1.5
30000	******	******	******	******	******	******	******	******	3.7	3.5	3.4	3.1	2.4	1.4
35000	******	******	******	******	******	******	******	******	******	3.3	3.1	2.9	2.2	1.3
40000	******	******	******	******	******	******	******	******	******	******	2.9	2.7	2.1	1.2
45000	******	******	******	******	******	******	******	******	******	******	******	2.5	2.0	1.1
50000	******	******	******	******	******	******	******	******	******	******	******	2.4	1.9	1.1
55000	******	******	******	******	******	******	******	******	******	******	******	******	1.8	1.0
60000	******	******	******	******	******	******	******	******	******	******	******	******	1.7	1.0
65000	******	******	******	******	******	******	******	******	******	******	******	******	1.6	0.9
70000	******	******	******	******	******	******	******	******	******	******	******	******	1.6	0.9
75000	******	******	******	******	******	******	******	******	******	******	******	******	******	0.9
80000	******	******	******	******	******	******	******	******	******	******	******	******	******	0.8
85000	******	******	******	******	******	******	******	******	******	******	******	******	******	0.8
90000	******	******	******	******	******	******	******	******	******	******	******	******	******	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

NEWFOUNDLAND

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	*	66.1	65.7	64.7	63.0	61.2	59.4	57.5	55.6	53.5	51.4	47.0	36.4	21.0
400	*	46.7	46.5	45.8	44.5	43.3	42.0	40.7	39.3	37.9	36.4	33.2	25.7	14.8
600	*	38.1	38.0	37.4	36.4	35.3	34.3	33.2	32.1	30.9	29.7	27.1	21.0	12.1
800	*	33.0	32.9	32.4	31.5	30.6	29.7	28.8	27.8	26.8	25.7	23.5	18.2	10.5
1000	*	29.6	29.4	28.9	28.2	27.4	26.6	25.7	24.8	23.9	23.0	21.0	16.3	9.4
2000	*	*	20.8	20.5	19.9	19.4	18.8	18.2	17.6	16.9	16.3	14.8	11.5	6.6
3000	*	*	17.0	16.7	16.3	15.8	15.3	14.8	14.3	13.8	13.3	12.1	9.4	5.4
4000	*	*	*	14.5	14.1	13.7	13.3	12.9	12.4	12.0	11.5	10.5	8.1	4.7
5000	*	*	*	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3	9.4	7.3	4.2
6000	*	*	*	11.8	11.5	11.2	10.8	10.5	10.1	9.8	9.4	8.6	6.6	3.8
7000	*	*	*	10.9	10.6	10.3	10.0	9.7	9.4	9.1	8.7	7.9	6.1	3.5
8000	*	*	*	*	10.0	9.7	9.4	9.1	8.8	8.5	8.1	7.4	5.8	3.3
9000	*	*	*	*	9.4	9.1	8.9	8.6	8.3	8.0	7.7	7.0	5.4	3.1
10000	*	*	*	*	8.9	8.7	8.4	8.1	7.9	7.6	7.3	6.6	5.1	3.0
11000	*	*	*	*	8.5	8.3	8.0	7.8	7.5	7.2	6.9	6.3	4.9	2.8
12000	*	*	*	*	8.1	7.9	7.7	7.4	7.2	6.9	6.6	6.1	4.7	2.7
13000	*	*	*	*	7.8	7.6	7.4	7.1	6.9	6.6	6.4	5.8	4.5	2.6
14000	*	*	*	*	7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.6	4.3	2.5
15000	*	*	*	*	7.3	7.1	6.9	6.6	6.4	6.2	5.9	5.4	4.2	2.4
16000	*	*	*	*	*	6.8	6.6	6.4	6.2	6.0	5.8	5.3	4.1	2.3
17000	*	*	*	*	*	6.6	6.4	6.2	6.0	5.8	5.6	5.1	3.9	2.3
18000	*	*	*	*	*	6.5	6.3	6.1	5.9	5.6	5.4	4.9	3.8	2.2
19000	*	*	*	*	*	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.2
20000	*	*	*	*	*	6.1	5.9	5.8	5.6	5.4	5.1	4.7	3.6	2.1
21000	*	*	*	*	*	6.0	5.8	5.6	5.4	5.2	5.0	4.6	3.5	2.0
22000	*	*	*	*	*	5.8	5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
23000	*	*	*	*	*	5.7	5.5	5.4	5.2	5.0	4.8	4.4	3.4	2.0
24000	*	*	*	*	*	*	5.4	5.3	5.1	4.9	4.7	4.3	3.3	1.9
25000	*	*	*	*	*	*	5.3	5.1	5.0	4.8	4.6	4.2	3.3	1.9
30000	*	*	*	*	*	*	4.8	4.7	4.5	4.4	4.2	3.8	3.0	1.7
35000	*	*	*	*	*	*	*	4.3	4.2	4.0	3.9	3.5	2.7	1.6
40000	*	*	*	*	*	*	*	*	3.9	3.8	3.6	3.3	2.6	1.5
45000	*	*	*	*	*	*	*	*	3.7	3.6	3.4	3.1	2.4	1.4
50000	*	*	*	*	*	*	*	*	*	3.4	3.3	3.0	2.3	1.3
55000	*	*	*	*	*	*	*	*	*	3.2	3.1	2.8	2.2	1.3
60000	*	*	*	*	*	*	*	*	*	*	3.0	2.7	2.1	1.2
65000	*	*	*	*	*	*	*	*	*	*	*	2.6	2.0	1.2
70000	*	*	*	*	*	*	*	*	*	*	*	2.5	1.9	1.1
75000	*	*	*	*	*	*	*	*	*	*	*	2.4	1.9	1.1
80000	*	*	*	*	*	*	*	*	*	*	*	*	1.8	1.1
85000	*	*	*	*	*	*	*	*	*	*	*	*	1.8	1.0
90000	*	*	*	*	*	*	*	*	*	*	*	*	1.7	1.0
95000	*	*	*	*	*	*	*	*	*	*	*	*	1.7	1.0
100000	*	*	*	*	*	*	*	*	*	*	*	*	1.6	0.9
125000	*	*	*	*	*	*	*	*	*	*	*	*	*	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

PRINCE EDWARD ISLAND

NUMERATOR OF PERCENTAGE	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%
200	********	37.2	37.0	36.5	35.5	34.5	33.5	32.4	31.3	30.2	29.0	26.5	20.5	11.8
400	*******	26.3	26.2	25.8	25.1	24.4	23.7	22.9	22.1	21.3	20.5	18.7	14.5	8.4
600	***************		21.4	21.1	20.5	19.9	19.3	18.7	18.1	17.4	16.7	15.3	11.8	6.8
800	****************		18.5	18.2	17.8	17.3	16.7	16.2	15.7	15.1	14.5	13.2	10.2	5.9
1000	*********************			16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0	11.8	9.2	5.3
2000	***********************			11.5	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5	3.7
3000	******************************				9.2	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3	3.1
4000	**********************************				7.9	7.7	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6
5000	**************************************					6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
6000	**************************************					6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.7	2.2
7000	**						5.7	5.5	5.3	5.1	4.9	4.5	3.5	2.0
8000	**						5.3	5.1	5.0	4.8	4.6	4.2	3.2	1.9
9000	**							4.8	4.7	4.5	4.3	3.9	3.1	1.8
10000	**							4.6	4.4	4.3	4.1	3.7	2.9	1.7
11000	***								4.2	4.1	3.9	3.6	2.8	1.6
12000	***								4.0	3.9	3.7	3.4	2.6	1.5
13000	***									3.7	3.6	3.3	2.5	1.5
14000	***									3.6	3.5	3.2	2.4	1.4
15000	***										3.3	3.1	2.4	1.4
16000	***										3.2	3.0	2.3	1.3
17000	***											2.9	2.2	1.3
18000	***											2.8	2.2	1.2
19000	***											2.7	2.1	1.2
20000	***											2.6	2.0	1.2
21000	***												2.0	1.2
22000	***												2.0	1.1
23000	***												1.9	1.1
24000	***												1.9	1.1
25000	***												1.8	1.1
30000	**													1.0
35000	**													0.9

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

NOVA SCOTIA

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	82.6	82.3	81.8	80.6	78.4	76.2	73.9	71.6	69.2	66.7	64.0	58.5	45.3	26.1
400	********	58.2	57.9	57.0	55.5	53.9	52.3	50.6	48.9	47.1	45.3	41.3	32.0	18.5
600	********	47.5	47.3	46.5	45.3	44.0	42.7	41.3	39.9	38.5	37.0	33.8	26.1	15.1
800	********	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
1000	********	36.8	36.6	36.0	35.1	34.1	33.1	32.0	30.9	29.8	28.6	26.1	20.3	11.7
2000	********	26.0	25.9	25.5	24.8	24.1	23.4	22.6	21.9	21.1	20.3	18.5	14.3	8.3
3000	**********	**********	21.1	20.8	20.3	19.7	19.1	18.5	17.9	17.2	16.5	15.1	11.7	6.8
4000	**********	**********	18.3	18.0	17.5	17.0	16.5	16.0	15.5	14.9	14.3	13.1	10.1	5.8
5000	**********	**********	16.4	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.8	11.7	9.1	5.2
6000	***	***	***	14.7	14.3	13.9	13.5	13.1	12.6	12.2	11.7	10.7	8.3	4.8
7000	***	***	***	13.6	13.3	12.9	12.5	12.1	11.7	11.3	10.8	9.9	7.7	4.4
8000	***	***	***	12.7	12.4	12.1	11.7	11.3	10.9	10.5	10.1	9.2	7.2	4.1
9000	***	***	***	12.0	11.7	11.4	11.0	10.7	10.3	9.9	9.5	8.7	6.8	3.9
10000	***	***	***	11.4	11.1	10.8	10.5	10.1	9.8	9.4	9.1	8.3	6.4	3.7
11000	***	***	***	10.9	10.6	10.3	10.0	9.7	9.3	9.0	8.6	7.9	6.1	3.5
12000	***	***	***	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3	7.5	5.8	3.4
13000	***	***	***	10.0	9.7	9.5	9.2	8.9	8.6	8.3	7.9	7.3	5.6	3.2
14000	***	***	***	9.6	9.4	9.1	8.8	8.6	8.3	8.0	7.7	7.0	5.4	3.1
15000	***	***	***	***	9.1	8.8	8.5	8.3	8.0	7.7	7.4	6.8	5.2	3.0
16000	***	***	***	***	8.8	8.5	8.3	8.0	7.7	7.5	7.2	6.5	5.1	2.9
17000	***	***	***	***	8.5	8.3	8.0	7.8	7.5	7.2	6.9	6.3	4.9	2.8
18000	***	***	***	***	8.3	8.0	7.8	7.5	7.3	7.0	6.8	6.2	4.8	2.8
19000	***	***	***	***	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.0	4.6	2.7
20000	***	***	***	***	7.8	7.6	7.4	7.2	6.9	6.7	6.4	5.8	4.5	2.6
21000	***	***	***	***	7.7	7.4	7.2	7.0	6.8	6.5	6.2	5.7	4.4	2.6
22000	***	***	***	***	7.5	7.3	7.1	6.8	6.6	6.4	6.1	5.6	4.3	2.5
23000	***	***	***	***	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.5	4.2	2.4
24000	***	***	***	***	7.2	7.0	6.8	6.5	6.3	6.1	5.8	5.3	4.1	2.4
25000	***	***	***	***	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.2	4.1	2.3
30000	***	***	***	***	***	6.2	6.0	5.8	5.6	5.4	5.2	4.8	3.7	2.1
35000	***	***	***	***	***	5.8	5.6	5.4	5.2	5.0	4.8	4.4	3.4	2.0
40000	***	***	***	***	***	5.4	5.2	5.1	4.9	4.7	4.5	4.1	3.2	1.8
45000	***	***	***	***	***	***	4.9	4.8	4.6	4.4	4.3	3.9	3.0	1.7
50000	***	***	***	***	***	***	4.7	4.5	4.4	4.2	4.1	3.7	2.9	1.7
55000	***	***	***	***	***	***	4.5	4.3	4.2	4.0	3.9	3.5	2.7	1.6
60000	***	***	***	***	***	***	***	4.1	4.0	3.8	3.7	3.4	2.6	1.5
65000	***	***	***	***	***	***	***	4.0	3.8	3.7	3.6	3.2	2.5	1.5
70000	***	***	***	***	***	***	***	3.8	3.7	3.6	3.4	3.1	2.4	1.4
75000	***	***	***	***	***	***	***	***	3.6	3.4	3.3	3.0	2.3	1.4
80000	***	***	***	***	***	***	***	***	3.5	3.3	3.2	2.9	2.3	1.3
85000	***	***	***	***	***	***	***	***	3.4	3.2	3.1	2.8	2.2	1.3
90000	***	***	***	***	***	***	***	***	***	3.1	3.0	2.8	2.1	1.2
95000	***	***	***	***	***	***	***	***	***	3.1	2.9	2.7	2.1	1.2
100000	***	***	***	***	***	***	***	***	***	3.0	2.9	2.6	2.0	1.2
125000	***	***	***	***	***	***	***	***	***	***	***	2.3	1.8	1.0
150000	***	***	***	***	***	***	***	***	***	***	***	***	1.7	1.0
200000	***	***	***	***	***	***	***	***	***	***	***	***	1.4	0.8
250000	***	***	***	***	***	***	***	***	***	***	***	***	***	0.7

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

NEW BRUNSWICK

NUMERATOR OF PERCENTAGE — ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	80.2	79.8	79.4	78.2	76.1	74.0	71.8	69.5	67.1	64.7	62.2	56.7	44.0	25.4
400	*****	56.5	56.2	55.3	53.8	52.3	50.8	49.1	47.5	45.7	44.0	40.1	31.1	17.9
600	*****	46.1	45.9	45.2	44.0	42.7	41.4	40.1	38.8	37.4	35.9	32.8	25.4	14.7
800	*****	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
1000	*****	35.7	35.5	35.0	34.0	33.1	32.1	31.1	30.0	28.9	27.8	25.4	19.7	11.3
2000	*****	25.2	25.1	24.7	24.1	23.4	22.7	22.0	21.2	20.5	19.7	17.9	13.9	8.0
3000	*****	*****	20.5	20.2	19.7	19.1	18.5	17.9	17.3	16.7	16.0	14.7	11.3	6.6
4000	*****	*****	17.8	17.5	17.0	16.5	16.0	15.5	15.0	14.5	13.9	12.7	9.8	5.7
5000	*****	*****	*****	15.6	15.2	14.8	14.4	13.9	13.4	12.9	12.4	11.3	8.8	5.1
6000	*****	*****	*****	14.3	13.9	13.5	13.1	12.7	12.3	11.8	11.3	10.4	8.0	4.6
7000	*****	*****	*****	13.2	12.9	12.5	12.1	11.7	11.3	10.9	10.5	9.6	7.4	4.3
8000	*****	*****	*****	12.4	12.0	11.7	11.3	11.0	10.6	10.2	9.8	9.0	6.9	4.0
9000	*****	*****	*****	11.7	11.3	11.0	10.7	10.4	10.0	9.6	9.3	8.5	6.6	3.8
10000	*****	*****	*****	11.1	10.8	10.5	10.2	9.8	9.5	9.1	8.8	8.0	6.2	3.6
11000	*****	*****	*****	10.5	10.3	10.0	9.7	9.4	9.1	8.7	8.4	7.7	5.9	3.4
12000	*****	*****	*****	*****	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.3	5.7	3.3
13000	*****	*****	*****	*****	9.4	9.2	8.9	8.6	8.3	8.0	7.7	7.0	5.5	3.1
14000	*****	*****	*****	*****	9.1	8.8	8.6	8.3	8.0	7.7	7.4	6.8	5.3	3.0
15000	*****	*****	*****	*****	8.8	8.5	8.3	8.0	7.8	7.5	7.2	6.6	5.1	2.9
16000	*****	*****	*****	*****	8.5	8.3	8.0	7.8	7.5	7.2	6.9	6.3	4.9	2.8
17000	*****	*****	*****	*****	8.3	8.0	7.8	7.5	7.3	7.0	6.7	6.2	4.8	2.8
18000	*****	*****	*****	*****	8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.0	4.6	2.7
19000	*****	*****	*****	*****	7.8	7.6	7.4	7.1	6.9	6.6	6.4	5.8	4.5	2.6
20000	*****	*****	*****	*****	7.6	7.4	7.2	6.9	6.7	6.5	6.2	5.7	4.4	2.5
21000	*****	*****	*****	*****	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.5	4.3	2.5
22000	*****	*****	*****	*****	7.3	7.1	6.8	6.6	6.4	6.2	5.9	5.4	4.2	2.4
23000	*****	*****	*****	*****	7.1	6.9	6.7	6.5	6.3	6.0	5.8	5.3	4.1	2.4
24000	*****	*****	*****	*****	*****	6.8	6.6	6.3	6.1	5.9	5.7	5.2	4.0	2.3
25000	*****	*****	*****	*****	*****	6.6	6.4	6.2	6.0	5.8	5.6	5.1	3.9	2.3
30000	*****	*****	*****	*****	*****	6.0	5.9	5.7	5.5	5.3	5.1	4.6	3.6	2.1
35000	*****	*****	*****	*****	*****	*****	5.4	5.3	5.1	4.9	4.7	4.3	3.3	1.9
40000	*****	*****	*****	*****	*****	*****	5.1	4.9	4.7	4.6	4.4	4.0	3.1	1.8
45000	*****	*****	*****	*****	*****	*****	4.8	4.6	4.5	4.3	4.1	3.8	2.9	1.7
50000	*****	*****	*****	*****	*****	*****	*****	4.4	4.2	4.1	3.9	3.6	2.8	1.6
55000	*****	*****	*****	*****	*****	*****	*****	4.2	4.0	3.9	3.7	3.4	2.7	1.5
60000	*****	*****	*****	*****	*****	*****	*****	*****	3.9	3.7	3.6	3.3	2.5	1.5
65000	*****	*****	*****	*****	*****	*****	*****	*****	3.7	3.6	3.4	3.1	2.4	1.4
70000	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.5	3.3	3.0	2.3	1.4
75000	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.3	3.2	2.9	2.3	1.3
80000	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.2	3.1	2.8	2.2	1.3
85000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.0	2.8	2.1	1.2
90000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.9	2.7	2.1	1.2
95000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.6	2.0	1.2
100000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.5	2.0	1.1
125000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.8	1.0
150000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.6	0.9
200000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

QUEBEC

NUMERATOR OF PERCENTAGE	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%
200	80.9	80.5	80.1	78.9	76.8	74.6	72.4	70.1	67.7	65.2	62.7	57.2	44.3	25.6
400	57.2	56.9	56.6	55.8	54.3	52.8	51.2	49.6	47.9	46.1	44.3	40.5	31.3	18.1
600	46.7	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
800	40.4	40.3	40.1	39.4	38.4	37.3	36.2	35.0	33.9	32.6	31.3	28.6	22.2	12.8
1000	36.2	36.0	35.8	35.3	34.3	33.4	32.4	31.3	30.3	29.2	28.0	25.6	19.8	11.4
2000	25.6	25.5	25.3	24.9	24.3	23.6	22.9	22.2	21.4	20.6	19.8	18.1	14.0	8.1
3000	********	20.8	20.7	20.4	19.8	19.3	18.7	18.1	17.5	16.8	16.2	14.8	11.4	6.6
4000	********	18.0	17.9	17.6	17.2	16.7	16.2	15.7	15.1	14.6	14.0	12.8	9.9	5.7
5000	********	16.1	16.0	15.8	15.4	14.9	14.5	14.0	13.5	13.0	12.5	11.4	8.9	5.1
6000	********	14.7	14.6	14.4	14.0	13.6	13.2	12.8	12.4	11.9	11.4	10.4	8.1	4.7
7000	********	13.6	13.5	13.3	13.0	12.6	12.2	11.8	11.4	11.0	10.6	9.7	7.5	4.3
8000	********	12.7	12.7	12.5	12.1	11.8	11.4	11.1	10.7	10.3	9.9	9.0	7.0	4.0
9000	********	12.0	11.9	11.8	11.4	11.1	10.8	10.4	10.1	9.7	9.3	8.5	6.6	3.8
10000	********	11.4	11.3	11.2	10.9	10.6	10.2	9.9	9.6	9.2	8.9	8.1	6.3	3.6
11000	********	10.9	10.8	10.6	10.4	10.1	9.8	9.5	9.1	8.8	8.5	7.7	6.0	3.5
12000	********	10.4	10.3	10.2	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.4	5.7	3.3
13000	********	10.0	9.9	9.8	9.5	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
14000	********	9.6	9.6	9.4	9.2	8.9	8.7	8.4	8.1	7.8	7.5	6.8	5.3	3.1
15000	********	9.3	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.6	5.1	3.0
16000	********	9.0	9.0	8.8	8.6	8.3	8.1	7.8	7.6	7.3	7.0	6.4	5.0	2.9
17000	********	8.7	8.7	8.6	8.3	8.1	7.9	7.6	7.3	7.1	6.8	6.2	4.8	2.8
18000	********	8.5	8.4	8.3	8.1	7.9	7.6	7.4	7.1	6.9	6.6	6.0	4.7	2.7
19000	********	8.3	8.2	8.1	7.9	7.7	7.4	7.2	6.9	6.7	6.4	5.9	4.5	2.6
20000	********	8.1	8.0	7.9	7.7	7.5	7.2	7.0	6.8	6.5	6.3	5.7	4.4	2.6
21000	********	7.9	7.8	7.7	7.5	7.3	7.1	6.8	6.6	6.4	6.1	5.6	4.3	2.5
22000	********	7.7	7.6	7.5	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.5	4.2	2.4
23000	********	7.5	7.5	7.4	7.2	7.0	6.7	6.5	6.3	6.1	5.8	5.3	4.1	2.4
24000	*************	*****	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.2	4.0	2.3
25000	*************	*****	7.2	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.6	5.1	4.0	2.3
30000	*************	*****	6.5	6.4	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.7	3.6	2.1
35000	*************	*****	6.1	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.3	3.4	1.9
40000	*************	*****	5.7	5.6	5.4	5.3	5.1	5.0	4.8	4.6	4.4	4.0	3.1	1.8
45000	*************	*****	5.3	5.3	5.1	5.0	4.8	4.7	4.5	4.3	4.2	3.8	3.0	1.7
50000	************************			5.0	4.9	4.7	4.6	4.4	4.3	4.1	4.0	3.6	2.8	1.6
55000	************************			4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.5	2.7	1.5
60000	************************			4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.6	3.3	2.6	1.5
65000	************************			4.4	4.3	4.1	4.0	3.9	3.8	3.6	3.5	3.2	2.5	1.4
70000	************************			4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.1	2.4	1.4
75000	************************			4.1	4.0	3.9	3.7	3.6	3.5	3.4	3.2	3.0	2.3	1.3
80000	************************			3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.1	2.9	2.2	1.3
85000	************************			3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0	2.8	2.2	1.2
90000	************************			3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.7	2.1	1.2
95000	************************			3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.6	2.0	1.2
100000	************************			3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.0	1.1
125000	******************************				3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.3	1.8	1.0
150000	******************************				2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.1	1.6	0.9
200000	******************************				2.4	2.4	2.3	2.2	2.1	2.1	2.0	1.8	1.4	0.8
250000	************************************					2.1	2.0	2.0	1.9	1.8	1.8	1.6	1.3	0.7
300000	************************************					1.9	1.9	1.8	1.7	1.7	1.6	1.5	1.1	0.7
350000	************************************					1.8	1.7	1.7	1.6	1.6	1.5	1.4	1.1	0.6
400000	**						1.6	1.6	1.5	1.5	1.4	1.3	1.0	0.6

450000	++	1.5	1.5	1.4	1.4	1.3	1.2	0.9	0.5
500000	++		1.4	1.4	1.3	1.3	1.1	0.9	0.5
750000	++			1.1	1.0	0.9	0.7	0.4
1000000	++					0.8	0.6	0.4
1500000	++						0.5	0.3
2000000	+++							0.3

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

ONTARIO

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	73.8	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
400	52.2	52.0	51.7	50.9	49.6	48.2	46.7	45.2	43.7	42.1	40.5	36.9	28.6	16.5
600	42.6	42.4	42.2	41.6	40.5	39.3	38.2	36.9	35.7	34.4	33.0	30.2	23.4	13.5
800	36.9	36.8	36.6	36.0	35.0	34.1	33.0	32.0	30.9	29.8	28.6	26.1	20.2	11.7
1000	33.0	32.9	32.7	32.2	31.3	30.5	29.6	28.6	27.6	26.6	25.6	23.4	18.1	10.4
2000	23.4	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
3000	19.1	19.0	18.9	18.6	18.1	17.6	17.1	16.5	16.0	15.4	14.8	13.5	10.4	6.0
4000	********	16.4	16.4	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.8	11.7	9.0	5.2
5000	********	14.7	14.6	14.4	14.0	13.6	13.2	12.8	12.4	11.9	11.4	10.4	8.1	4.7
6000	********	13.4	13.4	13.1	12.8	12.4	12.1	11.7	11.3	10.9	10.4	9.5	7.4	4.3
7000	********	12.4	12.4	12.2	11.8	11.5	11.2	10.8	10.4	10.1	9.7	8.8	6.8	3.9
8000	********	11.6	11.6	11.4	11.1	10.8	10.4	10.1	9.8	9.4	9.0	8.3	6.4	3.7
9000	********	11.0	10.9	10.7	10.4	10.2	9.9	9.5	9.2	8.9	8.5	7.8	6.0	3.5
10000	********	10.4	10.3	10.2	9.9	9.6	9.3	9.0	8.7	8.4	8.1	7.4	5.7	3.3
11000	********	9.9	9.9	9.7	9.5	9.2	8.9	8.6	8.3	8.0	7.7	7.0	5.5	3.2
12000	********	9.5	9.4	9.3	9.0	8.8	8.5	8.3	8.0	7.7	7.4	6.7	5.2	3.0
13000	********	9.1	9.1	8.9	8.7	8.4	8.2	7.9	7.7	7.4	7.1	6.5	5.0	2.9
14000	********	8.8	8.7	8.6	8.4	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8
15000	********	8.5	8.4	8.3	8.1	7.9	7.6	7.4	7.1	6.9	6.6	6.0	4.7	2.7
16000	********	8.2	8.2	8.1	7.8	7.6	7.4	7.2	6.9	6.7	6.4	5.8	4.5	2.6
17000	********	8.0	7.9	7.8	7.6	7.4	7.2	6.9	6.7	6.5	6.2	5.7	4.4	2.5
18000	********	7.7	7.7	7.6	7.4	7.2	7.0	6.7	6.5	6.3	6.0	5.5	4.3	2.5
19000	********	7.5	7.5	7.4	7.2	7.0	6.8	6.6	6.3	6.1	5.9	5.4	4.2	2.4
20000	********	7.4	7.3	7.2	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.2	4.0	2.3
21000	********	7.2	7.1	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.1	3.9	2.3
22000	********	7.0	7.0	6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.0	3.9	2.2
23000	********	6.9	6.8	6.7	6.5	6.4	6.2	6.0	5.8	5.6	5.3	4.9	3.8	2.2
24000	********	6.7	6.7	6.6	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.8	3.7	2.1
25000	********	6.6	6.5	6.4	6.3	6.1	5.9	5.7	5.5	5.3	5.1	4.7	3.6	2.1
30000	********	6.0	6.0	5.9	5.7	5.6	5.4	5.2	5.0	4.9	4.7	4.3	3.3	1.9
35000	******************		5.5	5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3	3.9	3.1	1.8
40000	******************		5.2	5.1	5.0	4.8	4.7	4.5	4.4	4.2	4.0	3.7	2.9	1.7
45000	******************		4.9	4.8	4.7	4.5	4.4	4.3	4.1	4.0	3.8	3.5	2.7	1.6
50000	******************		4.6	4.6	4.4	4.3	4.2	4.0	3.9	3.8	3.6	3.3	2.6	1.5
55000	******************		4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.2	2.4	1.4
60000	******************		4.2	4.2	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.0	2.3	1.3
65000	**************************			4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.2	2.9	2.2	1.3
70000	**************************			3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	2.8	2.2	1.2
75000	**************************			3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.7	2.1	1.2
80000	**************************			3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.6	2.0	1.2
85000	**************************			3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.5	2.0	1.1
90000	**************************			3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.5	1.9	1.1
95000	**************************			3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.4	1.9	1.1
100000	**************************			3.2	3.1	3.0	3.0	2.9	2.8	2.7	2.6	2.3	1.8	1.0
125000	**************************			2.9	2.8	2.7	2.6	2.6	2.5	2.4	2.3	2.1	1.6	0.9
150000	**************************			2.6	2.6	2.5	2.4	2.3	2.3	2.2	2.1	1.9	1.5	0.9
200000	********************************				2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7	1.3	0.7
250000	********************************				2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.5	1.1	0.7
300000	********************************				1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.3	1.0	0.6
350000	************************************					1.6	1.6	1.5	1.5	1.4	1.4	1.2	1.0	0.6
400000	************************************					1.5	1.5	1.4	1.4	1.3	1.3	1.2	0.9	0.5

450000	***	1.4	1.4	1.3	1.3	1.3	1.2	1.1	0.9	0.5
500000	***		1.3	1.3	1.2	1.2	1.1	1.0	0.8	0.5
750000	***			1.0	1.0	1.0	0.9	0.9	0.7	0.4
1000000	***				0.8	0.8	0.7	0.6	0.3
1500000	***					0.6	0.5	0.3
2000000	***						0.4	0.2

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

MANITOBA

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	82.6	82.2	81.8	80.5	78.4	76.2	73.9	71.6	69.1	66.6	64.0	58.4	45.3	26.1
400	********	58.1	57.8	56.9	55.4	53.9	52.3	50.6	48.9	47.1	45.3	41.3	32.0	18.5
600	********	47.5	47.2	46.5	45.3	44.0	42.7	41.3	39.9	38.5	37.0	33.7	26.1	15.1
800	********	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
1000	********	36.8	36.6	36.0	35.1	34.1	33.1	32.0	30.9	29.8	28.6	26.1	20.2	11.7
2000	********	26.0	25.9	25.5	24.8	24.1	23.4	22.6	21.9	21.1	20.2	18.5	14.3	8.3
3000	********	21.2	21.1	20.8	20.2	19.7	19.1	18.5	17.8	17.2	16.5	15.1	11.7	6.7
4000	****************		18.3	18.0	17.5	17.0	16.5	16.0	15.5	14.9	14.3	13.1	10.1	5.8
5000	****************		16.4	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.8	11.7	9.1	5.2
6000	****************		14.9	14.7	14.3	13.9	13.5	13.1	12.6	12.2	11.7	10.7	8.3	4.8
7000	****************		13.8	13.6	13.3	12.9	12.5	12.1	11.7	11.3	10.8	9.9	7.6	4.4
8000	**********************			12.7	12.4	12.0	11.7	11.3	10.9	10.5	10.1	9.2	7.2	4.1
9000	**********************			12.0	11.7	11.4	11.0	10.7	10.3	9.9	9.5	8.7	6.7	3.9
10000	**********************			11.4	11.1	10.8	10.5	10.1	9.8	9.4	9.1	8.3	6.4	3.7
11000	**********************			10.9	10.6	10.3	10.0	9.6	9.3	9.0	8.6	7.9	6.1	3.5
12000	**********************			10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3	7.5	5.8	3.4
13000	**********************			10.0	9.7	9.4	9.2	8.9	8.6	8.3	7.9	7.2	5.6	3.2
14000	**********************			9.6	9.4	9.1	8.8	8.6	8.3	8.0	7.6	7.0	5.4	3.1
15000	**********************			9.3	9.1	8.8	8.5	8.3	8.0	7.7	7.4	6.7	5.2	3.0
16000	**********************			9.0	8.8	8.5	8.3	8.0	7.7	7.4	7.2	6.5	5.1	2.9
17000	**********************			8.7	8.5	8.3	8.0	7.8	7.5	7.2	6.9	6.3	4.9	2.8
18000	**********************			8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.7	6.2	4.8	2.8
19000	***************************				8.0	7.8	7.6	7.3	7.1	6.8	6.6	6.0	4.6	2.7
20000	***************************				7.8	7.6	7.4	7.2	6.9	6.7	6.4	5.8	4.5	2.6
21000	***************************				7.6	7.4	7.2	7.0	6.7	6.5	6.2	5.7	4.4	2.5
22000	***************************				7.5	7.3	7.0	6.8	6.6	6.4	6.1	5.6	4.3	2.5
23000	***************************				7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.4	4.2	2.4
24000	***************************				7.2	7.0	6.7	6.5	6.3	6.1	5.8	5.3	4.1	2.4
25000	***************************				7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.2	4.0	2.3
30000	***************************				6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.8	3.7	2.1
35000	***************************				5.9	5.8	5.6	5.4	5.2	5.0	4.8	4.4	3.4	2.0
40000	*********************************					5.4	5.2	5.1	4.9	4.7	4.5	4.1	3.2	1.8
45000	*********************************					5.1	4.9	4.8	4.6	4.4	4.3	3.9	3.0	1.7
50000	*********************************					4.8	4.7	4.5	4.4	4.2	4.0	3.7	2.9	1.7
55000	*********************************					4.6	4.5	4.3	4.2	4.0	3.9	3.5	2.7	1.6
60000	**************************************						4.3	4.1	4.0	3.8	3.7	3.4	2.6	1.5
65000	**************************************						4.1	4.0	3.8	3.7	3.6	3.2	2.5	1.4
70000	**************************************						4.0	3.8	3.7	3.6	3.4	3.1	2.4	1.4
75000	**************************************						3.8	3.7	3.6	3.4	3.3	3.0	2.3	1.3
80000	***							3.6	3.5	3.3	3.2	2.9	2.3	1.3
85000	***							3.5	3.4	3.2	3.1	2.8	2.2	1.3
90000	***							3.4	3.3	3.1	3.0	2.8	2.1	1.2
95000	**								3.2	3.1	2.9	2.7	2.1	1.2
100000	**								3.1	3.0	2.9	2.6	2.0	1.2
125000	***									2.7	2.6	2.3	1.8	1.0
150000	***										2.3	2.1	1.7	1.0
200000	**												1.4	0.8
250000	**												1.3	0.7
300000	**													0.7

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

SASKATCHEWAN

NUMERATOR OF PERCENTAGE	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%
200	98.3	97.8	97.3	95.8	93.3	90.7	87.9	85.2	82.3	79.3	76.2	69.5	53.9	31.1
400	***	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
600	***	56.5	56.2	55.3	53.9	52.3	50.8	49.2	47.5	45.8	44.0	40.1	31.1	18.0
800	***	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
1000	***	43.8	43.5	42.9	41.7	40.5	39.3	38.1	36.8	35.5	34.1	31.1	24.1	13.9
2000	***	30.9	30.8	30.3	29.5	28.7	27.8	26.9	26.0	25.1	24.1	22.0	17.0	9.8
3000	***	25.3	25.1	24.7	24.1	23.4	22.7	22.0	21.2	20.5	19.7	18.0	13.9	8.0
4000	***	***	21.8	21.4	20.9	20.3	19.7	19.0	18.4	17.7	17.0	15.5	12.0	7.0
5000	***	***	19.5	19.2	18.7	18.1	17.6	17.0	16.5	15.9	15.2	13.9	10.8	6.2
6000	***	***	17.8	17.5	17.0	16.6	16.1	15.5	15.0	14.5	13.9	12.7	9.8	5.7
7000	***	***	16.5	16.2	15.8	15.3	14.9	14.4	13.9	13.4	12.9	11.8	9.1	5.3
8000	***	***	***	15.2	14.7	14.3	13.9	13.5	13.0	12.5	12.0	11.0	8.5	4.9
9000	***	***	***	14.3	13.9	13.5	13.1	12.7	12.3	11.8	11.4	10.4	8.0	4.6
10000	***	***	***	13.6	13.2	12.8	12.4	12.0	11.6	11.2	10.8	9.8	7.6	4.4
11000	***	***	***	12.9	12.6	12.2	11.9	11.5	11.1	10.7	10.3	9.4	7.3	4.2
12000	***	***	***	12.4	12.0	11.7	11.4	11.0	10.6	10.2	9.8	9.0	7.0	4.0
13000	***	***	***	11.9	11.6	11.2	10.9	10.6	10.2	9.8	9.4	8.6	6.7	3.9
14000	***	***	***	11.5	11.1	10.8	10.5	10.2	9.8	9.5	9.1	8.3	6.4	3.7
15000	***	***	***	11.1	10.8	10.5	10.2	9.8	9.5	9.2	8.8	8.0	6.2	3.6
16000	***	***	***	10.7	10.4	10.1	9.8	9.5	9.2	8.9	8.5	7.8	6.0	3.5
17000	***	***	***	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.3	7.5	5.8	3.4
18000	***	***	***	***	9.8	9.6	9.3	9.0	8.7	8.4	8.0	7.3	5.7	3.3
19000	***	***	***	***	9.6	9.3	9.0	8.7	8.4	8.1	7.8	7.1	5.5	3.2
20000	***	***	***	***	9.3	9.1	8.8	8.5	8.2	7.9	7.6	7.0	5.4	3.1
21000	***	***	***	***	9.1	8.8	8.6	8.3	8.0	7.7	7.4	6.8	5.3	3.0
22000	***	***	***	***	8.9	8.6	8.4	8.1	7.8	7.6	7.3	6.6	5.1	3.0
23000	***	***	***	***	8.7	8.5	8.2	7.9	7.7	7.4	7.1	6.5	5.0	2.9
24000	***	***	***	***	8.5	8.3	8.0	7.8	7.5	7.2	7.0	6.3	4.9	2.8
25000	***	***	***	***	8.3	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8
30000	***	***	***	***	7.6	7.4	7.2	7.0	6.7	6.5	6.2	5.7	4.4	2.5
35000	***	***	***	***	7.1	6.9	6.6	6.4	6.2	6.0	5.8	5.3	4.1	2.4
40000	***	***	***	***	***	6.4	6.2	6.0	5.8	5.6	5.4	4.9	3.8	2.2
45000	***	***	***	***	***	6.0	5.9	5.7	5.5	5.3	5.1	4.6	3.6	2.1
50000	***	***	***	***	***	5.7	5.6	5.4	5.2	5.0	4.8	4.4	3.4	2.0
55000	***	***	***	***	***	***	5.3	5.1	5.0	4.8	4.6	4.2	3.2	1.9
60000	***	***	***	***	***	***	5.1	4.9	4.7	4.6	4.4	4.0	3.1	1.8
65000	***	***	***	***	***	***	4.9	4.7	4.6	4.4	4.2	3.9	3.0	1.7
70000	***	***	***	***	***	***	4.7	4.6	4.4	4.2	4.1	3.7	2.9	1.7
75000	***	***	***	***	***	***	***	4.4	4.2	4.1	3.9	3.6	2.8	1.6
80000	***	***	***	***	***	***	***	4.3	4.1	4.0	3.8	3.5	2.7	1.6
85000	***	***	***	***	***	***	***	4.1	4.0.	3.8	3.7	3.4	2.6	1.5
90000	***	***	***	***	***	***	***	***	3.9	3.7	3.6	3.3	2.5	1.5
95000	***	***	***	***	***	***	***	***	3.8	3.6	3.5	3.2	2.5	1.4
100000	***	***	***	***	***	***	***	***	3.7	3.5	3.4	3.1	2.4	1.4
125000	***	***	***	***	***	***	***	***	***	***	3.0	2.8	2.2	1.2
150000	***	***	***	***	***	***	***	***	***	***	***	2.5	2.0	1.1
200000	***	***	***	***	***	***	***	***	***	***	***	***	1.7	1.0
250000	***	***	***	***	***	***	***	***	***	***	***	***	***	0.9
300000	***	***	***	***	***	***	***	***	***	***	***	***	***	0.8

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

ALBERTA

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	75.0	74.7	74.3	73.2	71.2	69.2	67.1	65.0	62.8	60.5	58.1	53.1	41.1	23.7
400	53.0	52.8	52.5	51.7	50.3	48.9	47.5	46.0	44.4	42.8	41.1	37.5	29.1	16.8
600	43.3	43.1	42.9	42.2	41.1	39.9	38.8	37.5	36.3	34.9	33.6	30.6	23.7	13.7
800	37.5	37.3	37.1	36.6	35.6	34.6	33.6	32.5	31.4	30.3	29.1	26.5	20.6	11.9
1000	********	33.4	33.2	32.7	31.8	30.9	30.0	29.1	28.1	27.1	26.0	23.7	18.4	10.6
2000	********	23.6	23.5	23.1	22.5	21.9	21.2	20.6	19.9	19.1	18.4	16.8	13.0	7.5
3000	********	19.3	19.2	18.9	18.4	17.9	17.3	16.8	16.2	15.6	15.0	13.7	10.6	6.1
4000	********	16.7	16.6	16.4	15.9	15.5	15.0	14.5	14.0	13.5	13.0	11.9	9.2	5.3
5000	********	14.9	14.9	14.6	14.2	13.8	13.4	13.0	12.6	12.1	11.6	10.6	8.2	4.7
6000	********	13.6	13.6	13.4	13.0	12.6	12.3	11.9	11.5	11.0	10.6	9.7	7.5	4.3
7000	********	12.6	12.6	12.4	12.0	11.7	11.3	11.0	10.6	10.2	9.8	9.0	6.9	4.0
8000	********	11.8	11.7	11.6	11.3	10.9	10.6	10.3	9.9	9.6	9.2	8.4	6.5	3.8
9000	*****************		11.1	10.9	10.6	10.3	10.0	9.7	9.4	9.0	8.7	7.9	6.1	3.5
10000	*****************		10.5	10.3	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.5	5.8	3.4
11000	*****************		10.0	9.9	9.6	9.3	9.1	8.8	8.5	8.2	7.8	7.2	5.5	3.2
12000	*****************		9.6	9.4	9.2	8.9	8.7	8.4	8.1	7.8	7.5	6.9	5.3	3.1
13000	*****************		9.2	9.1	8.8	8.6	8.3	8.1	7.8	7.5	7.2	6.6	5.1	2.9
14000	*****************		8.9	8.7	8.5	8.3	8.0	7.8	7.5	7.2	6.9	6.3	4.9	2.8
15000	*****************		8.6	8.4	8.2	8.0	7.8	7.5	7.3	7.0	6.7	6.1	4.7	2.7
16000	*****************		8.3	8.2	8.0	7.7	7.5	7.3	7.0	6.8	6.5	5.9	4.6	2.7
17000	***************************			7.9	7.7	7.5	7.3	7.0	6.8	6.6	6.3	5.8	4.5	2.6
18000	***************************			7.7	7.5	7.3	7.1	6.9	6.6	6.4	6.1	5.6	4.3	2.5
19000	***************************			7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.4	4.2	2.4
20000	***************************			7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.3	4.1	2.4
21000	***************************			7.1	6.9	6.8	6.6	6.3	6.1	5.9	5.7	5.2	4.0	2.3
22000	***************************			7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.5	5.1	3.9	2.3
23000	***************************			6.8	6.6	6.5	6.3	6.1	5.9	5.6	5.4	4.9	3.8	2.2
24000	***************************			6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.3	4.8	3.8	2.2
25000	***************************			6.5	6.4	6.2	6.0	5.8	5.6	5.4	5.2	4.7	3.7	2.1
30000	***************************			6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.3	3.4	1.9
35000	***************************			5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.4	4.0	3.1	1.8
40000	***************************			5.2	5.0	4.9	4.7	4.6	4.4	4.3	4.1	3.8	2.9	1.7
45000	**********************************				4.7	4.6	4.5	4.3	4.2	4.0	3.9	3.5	2.7	1.6
50000	**********************************				4.5	4.4	4.2	4.1	4.0	3.8	3.7	3.4	2.6	1.5
55000	**********************************				4.3	4.2	4.0	3.9	3.8	3.6	3.5	3.2	2.5	1.4
60000	**********************************				4.1	4.0	3.9	3.8	3.6	3.5	3.4	3.1	2.4	1.4
65000	**********************************				3.9	3.8	3.7	3.6	3.5	3.4	3.2	2.9	2.3	1.3
70000	**********************************				3.8	3.7	3.6	3.5	3.4	3.2	3.1	2.8	2.2	1.3
75000	**********************************				3.7	3.6	3.5	3.4	3.2	3.1	3.0	2.7	2.1	1.2
80000	**********************************				3.6	3.5	3.4	3.2	3.1	3.0	2.9	2.7	2.1	1.2
85000	***					3.4	3.3	3.2	3.0	2.9	2.8	2.6	2.0	1.2
90000	***					3.3	3.2	3.1	3.0	2.9	2.7	2.5	1.9	1.1
95000	***					3.2	3.1	3.0	2.9	2.8	2.7	2.4	1.9	1.1
100000	***					3.1	3.0	2.9	2.8	2.7	2.6	2.4	1.8	1.1
125000	***						2.7	2.6	2.5	2.4	2.3	2.1	1.6	0.9
150000	***						2.5	2.4	2.3	2.2	2.1	1.9	1.5	0.9
200000	***							2.1	2.0	1.9	1.8	1.7	1.3	0.8
250000	***									1.7	1.6	1.5	1.2	0.7
300000	**										1.5	1.4	1.1	0.6
350000	***											1.3	1.0	0.6
400000	***											1.2	0.9	0.5

| 450000 | ** | 0.9 | 0.5 |
| 500000 | ** | 0.8 | 0.5 |

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

BRITISH COLUMBIA

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	78.9	78.5	78.1	76.9	74.9	72.8	70.6	68.3	66.0	63.6	61.1	55.8	43.2	25.0
400	55.8	55.5	55.2	54.4	52.9	51.4	49.9	48.3	46.7	45.0	43.2	39.5	30.6	17.6
600	45.5	45.3	45.1	44.4	43.2	42.0	40.8	39.5	38.1	36.7	35.3	32.2	25.0	14.4
800	39.4	39.3	39.1	38.5	37.4	36.4	35.3	34.2	33.0	31.8	30.6	27.9	21.6	12.5
1000	35.3	35.1	34.9	34.4	33.5	32.5	31.6	30.6	29.5	28.5	27.3	25.0	19.3	11.2
2000	********	24.8	24.7	24.3	23.7	23.0	22.3	21.6	20.9	20.1	19.3	17.6	13.7	7.9
3000	********	20.3	20.2	19.9	19.3	18.8	18.2	17.6	17.0	16.4	15.8	14.4	11.2	6.4
4000	********	17.6	17.5	17.2	16.7	16.3	15.8	15.3	14.8	14.2	13.7	12.5	9.7	5.6
5000	********	15.7	15.6	15.4	15.0	14.6	14.1	13.7	13.2	12.7	12.2	11.2	8.6	5.0
6000	********	14.3	14.3	14.0	13.7	13.3	12.9	12.5	12.1	11.6	11.2	10.2	7.9	4.6
7000	********	13.3	13.2	13.0	12.7	12.3	11.9	11.6	11.2	10.8	10.3	9.4	7.3	4.2
8000	********	12.4	12.4	12.2	11.8	11.5	11.2	10.8	10.4	10.1	9.7	8.8	6.8	3.9
9000	********	11.7	11.6	11.5	11.2	10.8	10.5	10.2	9.8	9.5	9.1	8.3	6.4	3.7
10000	********	11.1	11.0	10.9	10.6	10.3	10.0	9.7	9.3	9.0	8.6	7.9	6.1	3.5
11000	************		10.5	10.4	10.1	9.8	9.5	9.2	8.9	8.6	8.2	7.5	5.8	3.4
12000	************		10.1	9.9	9.7	9.4	9.1	8.8	8.5	8.2	7.9	7.2	5.6	3.2
13000	************		9.7	9.5	9.3	9.0	8.8	8.5	8.2	7.9	7.6	6.9	5.4	3.1
14000	************		9.3	9.2	8.9	8.7	8.4	8.2	7.9	7.6	7.3	6.7	5.2	3.0
15000	************		9.0	8.9	8.6	8.4	8.2	7.9	7.6	7.3	7.1	6.4	5.0	2.9
16000	************		8.7	8.6	8.4	8.1	7.9	7.6	7.4	7.1	6.8	6.2	4.8	2.8
17000	************		8.5	8.3	8.1	7.9	7.7	7.4	7.2	7.0	6.9	6.6	6.1	4.7	2.7
18000	************		8.2	8.1	7.9	7.7	7.4	7.2	7.0	6.8	6.5	5.9	4.6	2.6
19000	************		8.0	7.9	7.7	7.5	7.2	7.0	6.8	6.5	6.3	5.7	4.4	2.6
20000	************		7.8	7.7	7.5	7.3	7.1	6.8	6.6	6.4	6.1	5.6	4.3	2.5
21000	************		7.6	7.5	7.3	7.1	6.9	6.7	6.4	6.2	6.0	5.4	4.2	2.4
22000	***********************			7.3	7.1	6.9	6.7	6.5	6.3	6.1	5.8	5.3	4.1	2.4
23000	***********************			7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7	5.2	4.0	2.3
24000	***********************			7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.6	5.1	3.9	2.3
25000	***********************			6.9	6.7	6.5	6.3	6.1	5.9	5.7	5.5	5.0	3.9	2.2
30000	***********************			6.3	6.1	5.9	5.8	5.6	5.4	5.2	5.0	4.6	3.5	2.0
35000	***********************			5.8	5.7	5.5	5.3	5.2	5.0	4.8	4.6	4.2	3.3	1.9
40000	***********************			5.4	5.3	5.1	5.0	4.8	4.7	4.5	4.3	3.9	3.1	1.8
45000	***********************			5.1	5.0	4.9	4.7	4.6	4.4	4.2	4.1	3.7	2.9	1.7
50000	***********************			4.9	4.7	4.6	4.5	4.3	4.2	4.0	3.9	3.5	2.7	1.6
55000	*****************************				4.5	4.4	4.3	4.1	4.0	3.8	3.7	3.4	2.6	1.5
60000	*****************************				4.3	4.2	4.1	3.9	3.8	3.7	3.5	3.2	2.5	1.4
65000	*****************************				4.2	4.0	3.9	3.8	3.7	3.5	3.4	3.1	2.4	1.4
70000	*****************************				4.0	3.9	3.8	3.7	3.5	3.4	3.3	3.0	2.3	1.3
75000	*****************************				3.9	3.8	3.6	3.5	3.4	3.3	3.2	2.9	2.2	1.3
80000	*****************************				3.7	3.6	3.5	3.4	3.3	3.2	3.1	2.8	2.2	1.2
85000	*****************************				3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.7	2.1	1.2
90000	*****************************				3.5	3.4	3.3	3.2	3.1	3.0	2.9	2.6	2.0	1.2
95000	*****************************				3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.0	1.1
100000	*****************************				3.3	3.3	3.2	3.1	3.0	2.8	2.7	2.5	1.9	1.1
125000	************************************					2.9	2.8	2.7	2.6	2.5	2.4	2.2	1.7	1.0
150000	************************************					2.7	2.6	2.5	2.4	2.3	2.2	2.0	1.6	0.9
200000	***************************************						2.2	2.2	2.1	2.0	1.9	1.8	1.4	0.8
250000	***							1.9	1.9	1.8	1.7	1.6	1.2	0.7
300000	***								1.7	1.6	1.6	1.4	1.1	0.6
350000	***									1.5	1.5	1.3	1.0	0.6
400000	***										1.4	1.2	1.0	0.6

450000	**	1.2	0.9	0.5
500000	**	1.1	0.9	0.5
750000	**		0.7	0.4

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

TABLE OF APPROXIMATED SAMPLING VARIABILITY

YUKON+NORTHWEST TERRITORIES

ESTIMATED PERCENTAGE

NUMERATOR OF 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%
200	********	37.2	37.0	36.5	35.5	34.5	33.5	32.4	31.3	30.2	29.0	26.5	20.5	11.8
400	********	*****	26.2	25.8	25.1	24.4	23.7	22.9	22.1	21.3	20.5	18.7	14.5	8.4
600	********	*****	*****	21.1	20.5	19.9	19.3	18.7	18.1	17.4	16.7	15.3	11.8	6.8
800	********	*****	*****	18.2	17.7	17.2	16.7	16.2	15.7	15.1	14.5	13.2	10.2	5.9
1000	********	*****	*****	16.3	15.9	15.4	15.0	14.5	14.0	13.5	13.0	11.8	9.2	5.3
2000	********	*****	*****	*****	11.2	10.9	10.6	10.2	9.9	9.5	9.2	8.4	6.5	3.7
3000	********	*****	*****	*****	*****	8.9	8.6	8.4	8.1	7.8	7.5	6.8	5.3	3.1
4000	********	*****	*****	*****	*****	*****	7.5	7.2	7.0	6.7	6.5	5.9	4.6	2.6
5000	********	*****	*****	*****	*****	*****	*****	6.5	6.3	6.0	5.8	5.3	4.1	2.4
6000	********	*****	*****	*****	*****	*****	*****	*****	5.7	5.5	5.3	4.8	3.7	2.2
7000	********	*****	*****	*****	*****	*****	*****	*****	*****	5.1	4.9	4.5	3.5	2.0
8000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	4.6	4.2	3.2	1.9
9000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.9	3.1	1.8
10000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.7	2.9	1.7
11000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.8	1.6
12000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.6	1.5
13000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.5	1.5
14000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.4	1.4
15000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	2.4	1.4
16000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.3
17000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.3
18000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.2
19000	********	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.2

NOTE: SEE INSTRUCTIONS AT THE BEGINNING OF THE APPENDIX.

ORDER FORM
CENSUS PUBLIC USE MICRODATA FILES

MAIL TO:
ELECTRONIC DATA DISSEMINATION DIVISION
CENSUS UNIT
STATISTICS CANADA
9TH FLOOR, R.H. COATS BLDG.
OTTAWA, ONTARIO
K1A 0T6

FOR INTERNAL USE ONLY:
FILE NO.:_____ DATE:_____

SHIPPING ADDRESS

CLIENT'S NAME _____

ORGANIZATION _____

ADDRESS _____

_____

TELEPHONE NO. (_____) _____ POSTAL CODE:_____

PLEASE CHECK FILES REQUIRED AND TECHNICAL SPECIFICATIONS

FILE IDENTIFICATION	LABEL	RECORD DENSITY
HOUSEHOLD/HOUSING 1986 ☐ 1981 ☐ 1976 ☐ 1971 ☐	STANDARD ☐	CARTRIDGE ☐
INDIVIDUAL 1986 ☐ 1981 ☐ 1976 ☐ 1971 ☐	UNLABELLED ☐	6250 BPI ☐ 1600 BPI ☐
FAMILY 1986 ☐ 1981 ☐ 1976 ☐ 1971 ☐	CHARACTER MODE	
MAXIMUM BLOCKSIZE:_____BYTES	EBCDIC ☐	ASCII ☐

REMARKS:_____

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